

*The*

# CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2

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VOL. CXXVI

FEBRUARY 27, 1937

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Diary) 20/- Single Copies 9d.

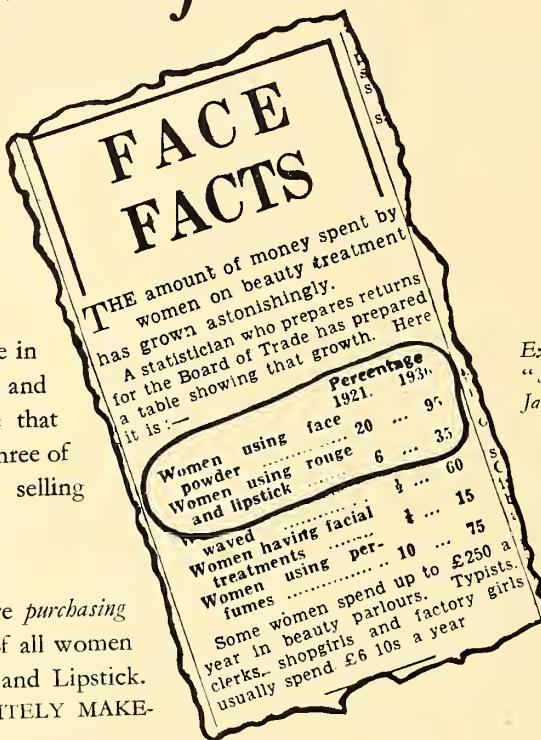
# Factor Facts for CHEMISTS!

## Chemists

Note the great increase in use of Powder, Rouge and Lipstick—a unit sale that means 11/6 to you—three of Max Factor's fastest selling lines.

## Just think

95% of all women are *purchasing* face powder—35% of all women are *purchasing* Rouge and Lipstick. ENGLAND IS DEFINITELY MAKE-UP CONSCIOUS.



## WHAT A TREMENDOUS MARKET!

*Are you getting your share of this business?*

To sell to make-up-conscious women you must **feature** a make-up line!

Throughout the world, the name of Max Factor is synonymous with Make-up. 28 years of successful work and research in Hollywood's Film Studios have earned him the title of "The Make-Up Genius of Hollywood."

Max Factor makes it possible for you to render a Make-Up Service that brings you permanent, satisfied customers.

WE SPECIALISE IN MAKE-UP AND SERVICE—SERVICE SELLS MERCHANDISE  
*Send coupon for Representative to call*

## Max Factor

Hollywood & London (Sales) Limited

16 Old Bond Street,  
London, W.1

Regent 6720 (6 lines)

Max Factor, Hollywood & London (Sales) Ltd.,  
16 Old Bond Street, London, W.1

I am interested in the Max Factor Service to Chemists.  
Please send Representative as soon as possible. C.D.

NAME.....

ADDRESS.....

GLAXO LABORATORIES LTD.

**HAVE YOU  
ORDERED YOUR  
BONUS PARCELS?**

# GLUCOSE-D

When Glaxo Laboratories introduced Glucose-D they opened up an immense new source of profitable business for pharmacists. This remarkable G.L. product continues to develop the great and still growing glucose trade for pharmacists alone. It was one of the earliest of C.F. lines and, in the words of hundreds of



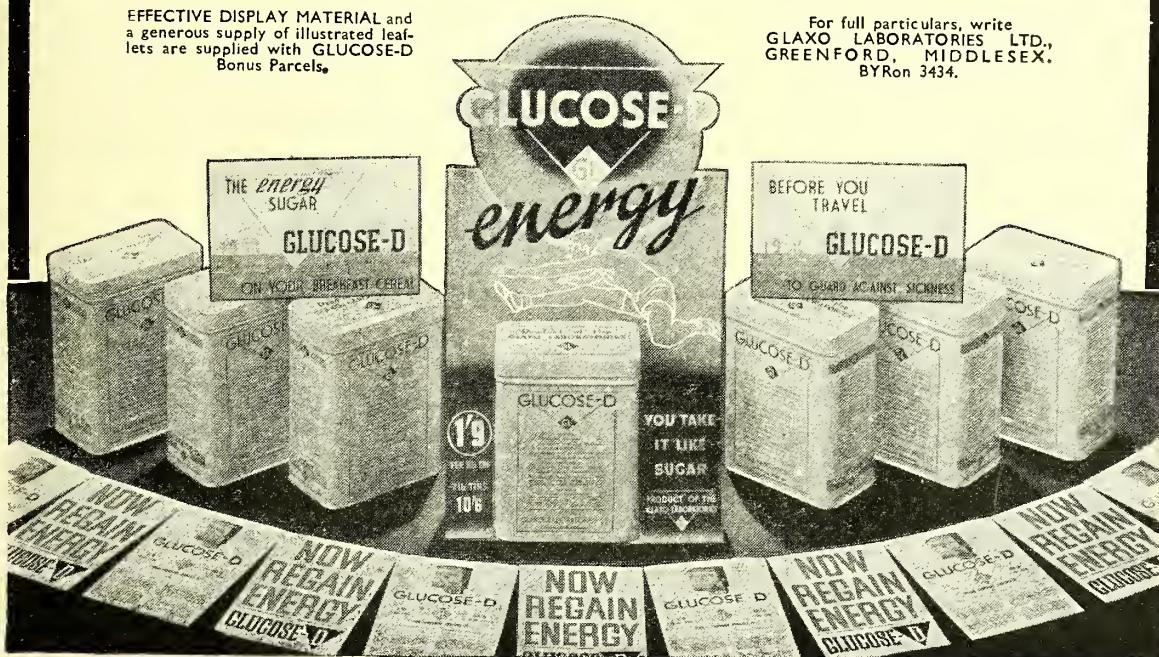
stockists, "It is by far the best line on the C.F. list." Once again the eagerly awaited bonus parcels of this splendid G.L. and C.F. product are offered for one month . . . until March 15th. And, as always, restricted to pharmacists! Order your Spring stocks now while these magnificent terms prevail.



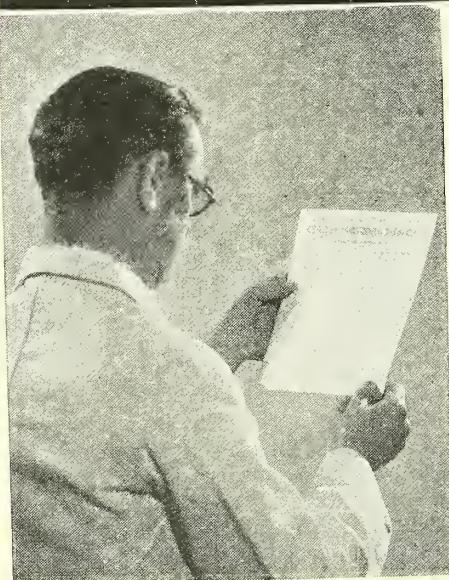
**BONUS OFFER ONLY AVAILABLE UNTIL MARCH 15**

EFFECTIVE DISPLAY MATERIAL and a generous supply of illustrated leaflets are supplied with GLUCOSE-D Bonus Parcels.

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GLAXO LABORATORIES LTD.,  
GREENFORD, MIDDLESEX.  
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# A CHEMIST THANKS MACLEANS



## READ THIS GRATEFUL LETTER

"I really must thank you for the kindness and courtesy you have shown me, and also congratulate you on the snappy way you have attended to my circular. I see now what has pushed Macleans on top so far as sales are concerned. I hope they have many more successes and stay 'put' right on top. My kind regards to your Sales Director."

Our telephone number is  
Ealing 6616  
At Your Service

*"I must thank you  
for your kindness  
and courtesy" . . .*

**writes this customer.**

One of our customers, we'll call him Mr. H., took over a business in one of the distressed areas. Turnover wasn't what it should be but Mr. H. was naturally determined to make things go. He asked us for advice and we were able to give him some service which brought in new business. "Results so far are very pleasing and goods are moving very nicely indeed" says Mr. H. in his last letter. The case of Mr. H. is not an isolated instance, for Macleans pride themselves on being, not just another "limited company," but a group of understanding men, whose experience is at their customers' service.

# MACLEANS

LTD.

GREAT WEST ROAD, BRENTFORD, MIDDLESEX.

# When the dance bands play from the B.B.C.

**— are they helping  
you as a chemist?**



**THEY WILL BE—if the lines you stock  
are advertised in the 'Radio Times'**

Comedians . . . famous dance bands . . . broadcasts from the ringside of World Championships . . . 2,800,000 people turn the pages of the 'Radio Times' during the week, looking up these items. And they see certain lines advertised. *But are they the lines you are stocking?*

Next time the traveller calls, ask him "Is your line advertised regularly in the 'Radio Times'?" If it isn't, then he's not offering the most powerful co-operation his firm can give you. Make a point of asking the traveller "Is your line advertised regularly in the 'Radio Times'?"

**TELL THE TRAVELLERS YOU WANT THE**

# 'RADIO TIMES'

MEMBERS OF THE AUDIT BUREAU OF CIRCULATION

NET SALES 2,800,000 WEEKLY

★  
**THE 'RADIO TIMES' LIST  
FOR YOUR TRADE**

The following products are regularly advertised in the 'Radio Times' and are therefore assured of a steady demand. The second half of this list will appear in the next 'Radio Times' advertisement published in this journal.

Rabinsans Patent Barley	Phasferine
Rabinsans Leman Barley Water	Jane Seymour
Californian Pappy Perfume	Angiers Emulsion
Kay Brand Linseed Compound	Bile Beans
Oatine Vanishing Cream	Drene Shampoo
Sal Hepatica	Nailaid
Cremesol Disinfectant Perfumes	Fynnan's Salt
	Fennings Powders
	Genasprin
	Inneclean
	Vic



# StaffAllenS DERRIS POWDERS & PREPARATIONS

StaffAllenS Derris Powder is tested and standardised to conform to the Warble Fly Order of the Ministry of Agriculture and Fisheries.

Derris Powder and Soap (also conforming to the Warble Fly Order) mixed ready to be diluted in the proportion of one lb. to one gallon of water. Derris preparations include:—

OLEO-RESIN, LIQUID EXTRACTS OF VARYING  
ROTONONE CONTENTS, DERRIS POWDERS &  
DUSTS OF ALL STRENGTHS

Detailed information on any of these preparations will be sent on request

**STAFFORD ALLEN & SONS LTD.**

DERRIS & PYRETHRUM SPECIALISTS

COWPER STREET, LONDON, E.C.2 Phone: Clerkenwell 2100 (7 lines)

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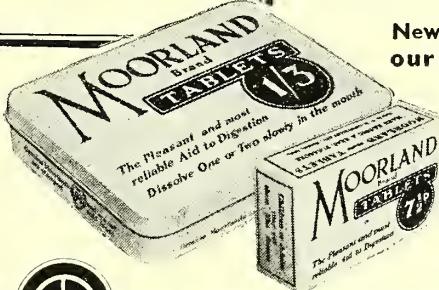
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TWO incomparable "best sellers"—each line a popular product adequately backed by nation-wide advertising. It is never too soon to look to your stocks of Penetrol, and Moorlands. Reliable remedies are always in demand due to public recommendation.

THE next few weeks cover the peak period for "colds"—and that means an increasingly profitable turnover if you feature Penetrol Drops—the latest addition to the Penetrol series. Penetrol Drops, inserted in nasal passages, give quick relief from the stuffiest cold. Sells at 1/3 in handy pack complete with dropper.

**Penetrol**  
BRAND  
DROPS



**MOORLAND**  
BRAND  
INDIGESTION TABLETS

FROM success to success! The new flat 1/3 pack marks another "high spot" in the progressive merchandising policy inseparable from MOORLANDS. Contains 110 tablets—and free vest pocket case to hold 14.

New Moorlands 2-colour display stand, featuring the 7½d. and 1/3 packs now available.

INCREASED NATIONAL ADVERTISING DURING 1937

W. B. CARTWRIGHT LTD., RAWDON, LEEDS

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# Extracts

**TINCTURES    RESINOIDS  
OLEO-RESINS    MEDICINAL RESINS**

**WILLIAM RANSOM & SON**  
ESTABLISHED 1846  
*Manufacturing Chemists*  
**HITCHIN near LONDON**

# Bronchovydrin

Suppositories for Rectal Therapy of Bronchial Asthma, Dysmenorrhœa, Angina pectoris. Purin Derivative with maximum effect.

Original Package containing 10 Suppositories.

**Asthma**  
Bronchovydrin  
inhalation Therapy  
with the "Weil"  
Asthma Inhaler.  
Prevents and  
arrests Asthma  
attacks. Obviates  
injections. Original  
Bottles cont. 12.5 c.c.

# Spasmodopurin

SOLE DISTRIBUTING AGENT IN GREAT BRITAIN

**FRANCIS RIDDELL LTD., Axtell House, Warwick St., Regent St., London, W.1**

SOLE SELLING RIGHTS FOR SOME COUNTRIES STILL AVAILABLE  
Interested parties should apply to the Sole Manufacturers: Dr. R. & Dr. O. Weil, Chemical Works, Frankfort-on-Main

*A Name and a Standard*

# "SURE SHIELD" BRAND

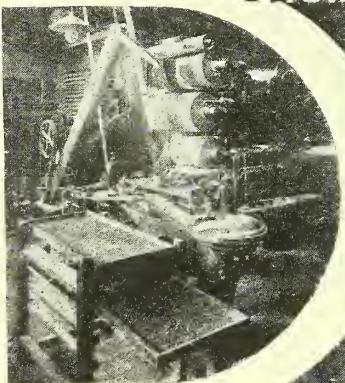
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**THOS. GUEST & CO. LTD.**  
CARRUTHERS ST. MANCHESTER, 4.

# Private Formula Work

**Pills and Tablets**  
*manufactured under the control of*  
**Analytical and Qualified**  
**Chemists**



ONE OF OUR  
LARGE  
PILL MAKING  
MACHINES

Below:  
SPECIAL  
COATING

**Coated  
or  
Uncoated**  
**Bulk  
or  
Packed**

A SECTION  
OF OUR  
BOX-MAKING  
AND  
SHOW  
MATERIAL  
DEPT.

Exceptionally keen prices

**COX**  
Estab. 1839  
ARTHUR H. COX & CO. LTD.  
of BRIGHTON

# MAZDA

## LAMPS



They stay  
brighter longer  
because of  
the wonderful  
**NON-SAG**  
filament



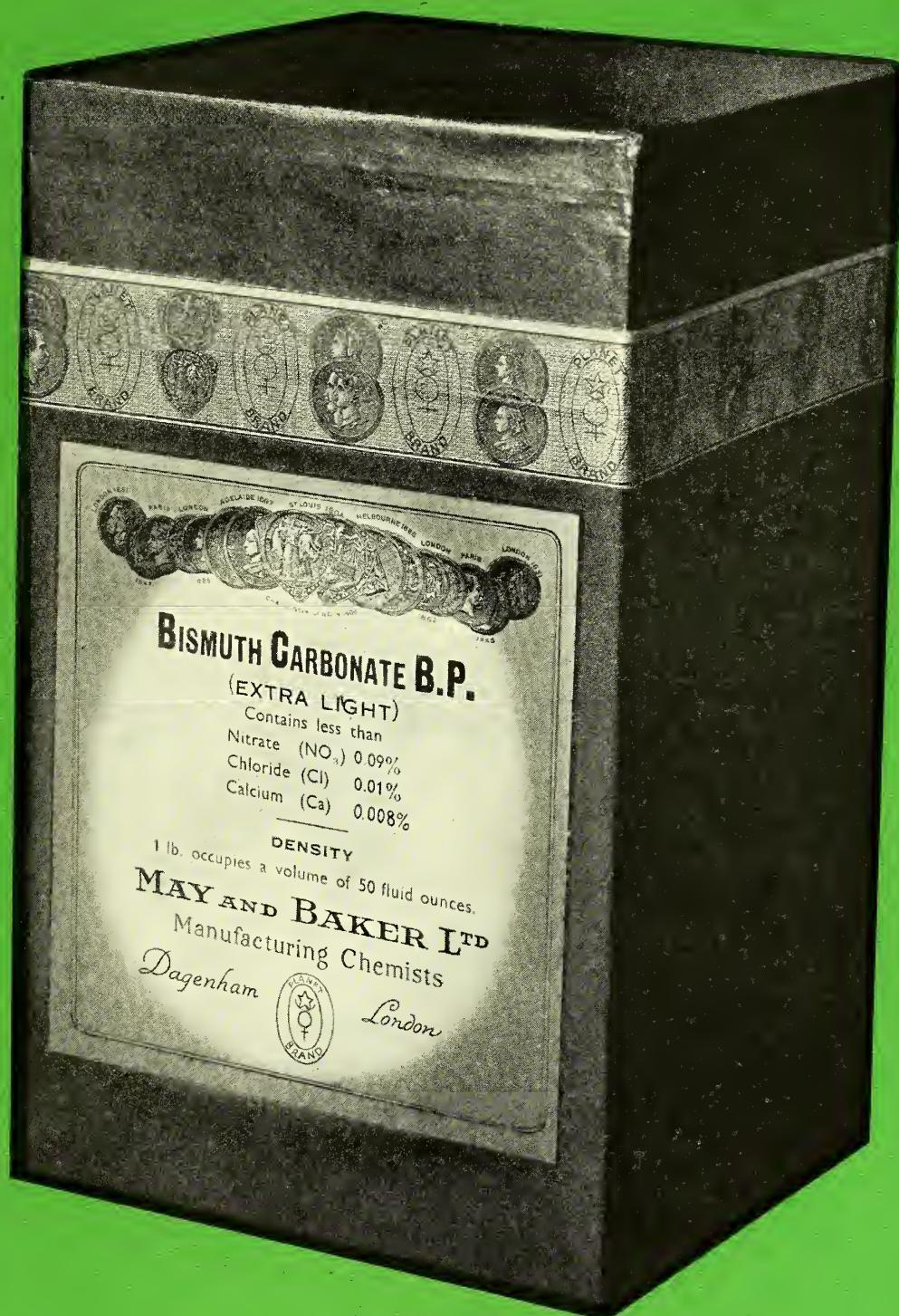
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MADE IN ENGLAND

THE BRITISH THOMSON-HOUSTON CO., LTD.

# **Dispense BISMUTH MIXTURE**

For DIGESTIVE TROUBLES IN ADULTS AND CHILDREN



For guaranteed purity and uniform whiteness and bulk  
always specify :— **BISMUTH CARBONATE B.P.**  
**MAY & BAKER Ltd. Dagenham**

Telephone ILFORD 3060

**BRITISH MADE CHEMICALS**

# **MAY & BAKER LTD. DAGENHAM**

TELEPHONE  
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**PHENOBARBITAL  
EPHEDRINE  
CHLOROFORM  
ETHER  
MERCURIALS  
IODIDES  
BROMIDES  
MANDELIC ACID  
COCAINE  
PHENOLPHTHALEIN  
CITRATES  
ROCHELLE SALT**

# March winds, April showers bring forth . . . . .

a whole heap of business in

## **Brustine** BRAND

NOSE &  
THROAT

## **Bon-bons**

The most treacherous months of the year (March and April) are immediately ahead. This is the time when Brustine Bon-Bons are most beneficial.

Look well to your stock. Order NOW to be safe.



### ★ HOW THEY SELL

Brustine Bon-Bons are sold through Chemists only at a fixed retail price of 6d. per qtr. They show a profit of 50% on cost. With every initial order we will send a unique clockwork Sales Bringer which is yours for as long as you wish. This and other show material, together with the free samples sent with every order, will quickly attract highly profitable sales and their efficacy will guarantee your repeat business.

### ★ HOW THEY'RE PACKED

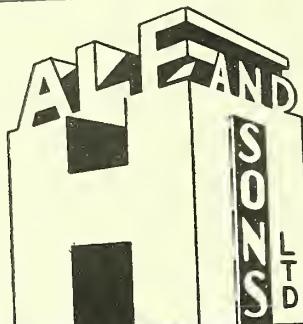
Brustine Bon-Bons are sold in 28 lb. case units containing 14 lbs. of each kind packed in 7 lb. tins. They are supplied loose, but with every case will be sent FREE 112 printed bags (to hold  $\frac{1}{2}$  lb.), 50 samples packed for FREE distribution and with every order for 10 cases ONE CASE WILL BE SUPPLIED FREE IN ADDITION.

**DON'T RUN OUT OF 'BRUSTINE' . . .  
THERE'S STILL TWO GOOD MONTHS**

MANUFACTURED BY  
BRUSTOC LTD., JOHN ST., WARRINGTON

Distributors for Yorkshire  
HIRST, BROOKE & HIRST Ltd., Sheepscar Works, LEEDS

Distributors for Manchester and East Lancs  
D. MAWDSLEY & CO., Riga Street, MANCHESTER



THE MARK OF ENTERPRISE IN PRINTING

## PRINTING ! PRINTING ! PRINTING !

**YOU** want service, quality  
and economy.

**WE** give service, supply  
quality second to none,  
at low rates, according to  
your marketing require-  
ments.

SEND US  
YOUR NEXT ENQUIRY

Head Office & Works :

**BURLEY RD., LEEDS 4**

London Office :  
Sentinel House,  
Southampton Row,  
W.C.1

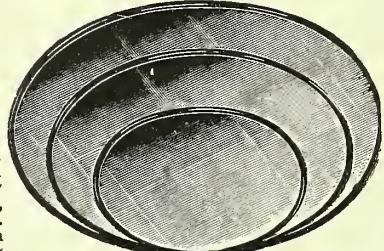
**ALF HARRISON & SONS LTD**  
CHEMISTS AND ADVERTISING PRINTERS

## KING'S

### FOR SHOPFITTINGS

Ref. No. H 3249 Round Section Metal Display Pedestals, fitted with Rubber Studs at Top and Bottom. Stocked in the following sizes :—

Height.	Brown Bronze Finish.	Chromium Plate Finish.
9-in.	1/8 each	2/6 each
12-in.	2/0 "	3/3 "
15-in.	2/3 "	4/0 "
18-in.	2/6 "	4/9 "
21-in.	3/0 "	5/6 "
24-in.	3/6 "	6/- "
30-in.	4/6 "	7/6 "



Ref. No. OK 256

First Quality Clear Glass and Black Opal Glass, Display Ovals,  $\frac{1}{8}$ " thick, polished edges. Stocked in the following sizes :—

Size.	Clear Glass.	Black Opal.	Size.	Clear Glass.	Black Opal.
9" x 5"	12/- Doz.	17/- Doz.	16" x 9"	22/6 Doz.	36/- Doz.
10" x 7"	13/6 "	18/- "	18" x 12"	28/- "	51/- "
12" x 9"	14/6 "	21/- "	20" x 15"	45/- "	83/- "
14" x 10"	18/- "	32/- "	24" x 18"	52/- "	87/- "

NEW CATALOGUES  
Pharmacy Fixtures and Fittings No. 1013  
Coronation Decorations ... 1780

**J. C. KING, LTD.**  
**42-60 GOSWELL RD., LONDON, E.C.1**  
CLERKENWELL 2316 (6 lines).

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—serious-minded and conscientious,  
make up the circulation of the

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The PAPER for RESULTS

Extracts from Advertisers' and Agents' letters :

A large firm of Manufacturing Chemists writes :

"During twenty years of consistent advertising, we have always found that 'The Christian Herald' has proved one of our soundest propositions."

A large Advertising Agency in the Midlands state: "Perhaps you would like to know that on a previous test advertisement in 'The Christian Herald,' the results were considerably higher than the same postal bargain in the same large daily news-paper costing twice the advertising rate."

For years many National Advertisers have used "The Christian Herald," their keying proving its pulling qualities. Week in, week out, 250,000 homes take in "The Christian Herald." These British homes (homes in every sense of the word) represent over 1,000,000 devoted readers. Here is a splendid field for your product if it is right in price, right in quality.

Write for a specimen copy and rate card to Advertisement Manager (Dept. C.D.5), 6 Tudor Street, London, E.C.4 Tel.: Central 3559

It pays to advertise in the

## CHRISTIAN HERALD

(the leading Religious Home Journal going into  
250,000 HOMES Weekly)

# WARBLE FLY

**Statutory Treatment commences 15th March**

**ORDER NOW**

**for delivery 1st March**

thus ensuring stocks for purpose of displaying before the 15th of March

## EVANS' WARBLE FLY POWDER

is guaranteed to comply with the requirements of the order issued by the Ministry of Agriculture and Fisheries. Evans' Warble Fly Powder is on the recommended list of the Ministry of Agriculture, Northern Ireland.

In cartons holding four envelopes. Each envelope contains sufficient to make one quart of approved wash to treat approximately 25 cattle with average warble infestation. Total contents of the carton are sufficient for approximately 100 cattle.



The economy pack  
for chemists only.

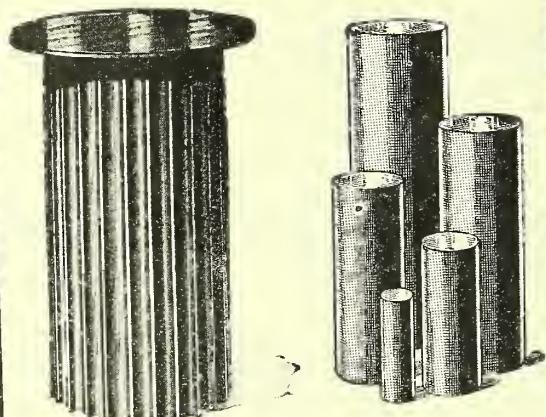
### WINDOW POSTERS AND LITERATURE SUPPLIED

## Evans Sons Lescher & Webb Ltd.

*Manufacturers of Fine Chemical, Pharmaceutical & Biological Products*

Liverpool and London

**SEND FOR OUR NEW SPRING LIST  
of DISPLAY FITTINGS, No. CD 1742**



No. CDF 5771 Very attractive **Display Tables**, constructed of compressed millboard and covered imitation Walnut Paper. The pillar has concave flutes and is extremely modern in appearance.

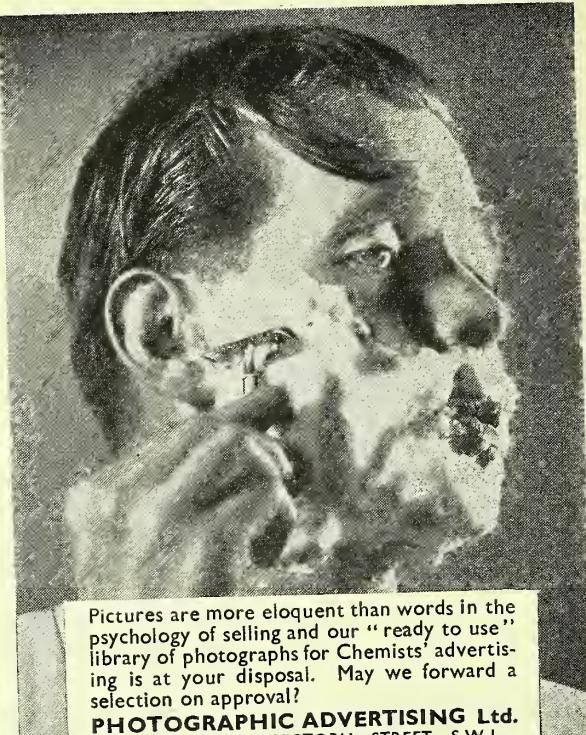
Each	9 ins. high with 10 in. top	4/6
15 ins. high with 10 in. top	5/-	
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No. CDF 5758 Useful and Attractive Set of **Display Cylinders**, covered heavy grained Gilt paper. Comprising 1—36 ins. high x 12 ins. wide 1—30 ins. high x 10 ins. wide 1—24 ins. high x 8 ins. wide 1—18 ins. high x 6 ins. wide 1—12 ins. high x 4 ins. wide

22/6 the set

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'ATLAS'  
MIXERS  
AND  
SIFTERS

PATENT AUTOMATIC SPRAYING ATTACHMENT WORKS ACCURATELY AND ENSURES EXACT MIXING OF POWDERS AND ESSENTIAL OILS . . . THESE MACHINES NOW HAVE A NEW INTERIOR CONSTRUCTION

The best machine of its type ever made. Sturdily built, it gives a lifetime of Satisfactory Service . . . You buy satisfaction when you purchase an 'Atlas' Mixer. Ask us for illustrated details

**GEO. PORTEUS & SONS LTD.**

LEEDS BRIDGE, LEEDS

TELEGRAMS "ELEVATOR" LEEDS"

TELEPHONE 20529 & 20520

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THE IDEAL SITE FOR YOUR WORKS  
3,000,000 People on your Doorstep  
SITES IN RURAL SURROUNDINGS  
Every Facility Available

Write to—

TYNESIDE INDUSTRIAL DEVELOPMENT BOARD  
CARLIOL HOUSE, NEWCASTLE ON TYNE, 1

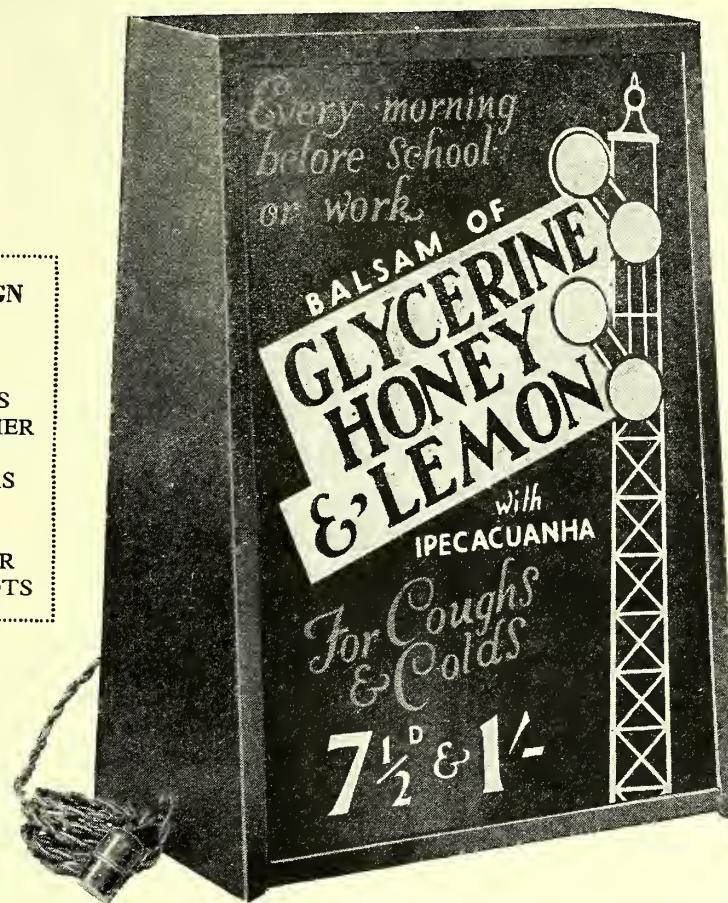
MATTHEWS  
CHEMIST SHOP FITTERS

14 & 16 MANCHESTER ST.  
LIVERPOOL, 1 Tel.: Cent. 2695

Established 1848

# NOW IS THE TIME TO PUT THIS IN YOUR WINDOW

**FLASHING SIGN  
FREE  
FOR  
THREE GROSS  
LOTS OF EITHER  
PRODUCT  
DELIVERED AS  
REQUIRED  
OR  
ON LOAN FOR  
ONE GROSS LOTS**



**OWN NAME  
ON THREE  
DOZEN LOTS  
INTERCHANGE-  
ABLE SCREENS  
WITH SIX DOZEN  
LOTS OF EITHER  
PRODUCT  
EXCEPT No. 3**

#### BALSAM OF GLYCERINE, HONEY AND LEMON WITH IPECACUANHA

		1 doz.	6 doz.	1 gross	3 gross	5 gross
Retail 7½d. (4-oz.)	...	5/-	4/10	4/8	4/6	4/5
," 1/- (8-oz.)	...	8/-	7/9	7/6	7/3	7/-

#### BRONCHIAL EMULSION

Retail 10½d. (4 oz.)	...	6/6	6/3	6/-	5/6	5/3
," 1/6 (8-oz.)	...	10/6	10/3	10/-	9/3	9/-
," 2/6 (16-oz.)	...	18/-	17/6	17/-	16/-	15/6

#### BRONCHIAL COUGH MIXTURE

Retail 6d. (2½-oz.)	...	4/-	3/10	3/8	3/6	3/5
," 9d. (5-oz.)	...	6/-	5/10	5/8	5/6	5/5

#### ADULTTONIC

		1 doz.	3 doz.	6 doz.	1 gross
Retail 1/6 (suggested) (4-oz.)	...	9/-	8/9	8/6	8/3
," 2/6 (suggested) (8-oz.)	...	15/-	14/9	14/6	14/-

Samples of any of these products free to trading chemists on request.

**AYRTONS :: :: :: :: LIVERPOOL**

# PROVED-and IMPROVED

**21/-**  
RETAIL

Refill Battery  
lasts 2 Months  
Retail, 2d.



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The NEW Automatic-Electric  
**TELERAZOR**

BRITISH MADE

# A LADY of VERY GREAT INFLUENCE

She makes her presence felt in the home and her wants felt in your establishment. Old enough now to realise the attractiveness of her bewitching curls, she was heard the other day reminding her mother "Don't forget my Curly Top, Mummy!"

Mother did not forget. She knows how Curly Top creates natural curls, and for her own use she buys Vosemar, the companion preparation for adult use.

Put the attractive 1 dozen coloured display outers on your counter and see for yourself how easily you can sell these Nationally Advertised Products.



Only one safety razor has really made shaving a pleasure. That's the automatic-electric TELERAZOR. For two years, the demand has far outstripped the supply. And now the Telerazor is greatly improved in efficiency, fine finish and mechanical reliability. The NEW Telerazor is the perfected outcome of two years' experience of making the only satisfactory, self-contained electric safety razor selling at a popular price.

The Telerazor does not have to be plugged into the electric mains. Operated by a tiny battery in the handle. It is convenient and perfectly SAFE. Every Telerazor sold sells another.



## EXPORT

The Vosemar Co. are developing their Export Department and would be interested to hear from reliable firms who are open to consider acting as distributors for their lines in CANADA, INDIA, IRISH FREE STATE, the CONTINENT, etc.



# WATCH SALES SOAR!

## WATCH YOUR STOCKS!

New National Advertising Campaign  
to consolidate the success of MORNING PRIDE

"Morning Pride" has taken premier place in the shaving cream market. First in public favour "Morning Pride" is second to none in rapidly increasing sales.

Look to your stocks and be sure of your share of profits from this new wonder shaving cream.

# MORNING PRIDE

REGD.

**THE RAZOR READY BRUSHLESS SHAVING CREAM**  
PRODUCT OF FAIRY DYES LTD., PHARMACEUTICAL DEPT.  
For particulars of attractive Initial Order terms write

**SOLE DISTRIBUTORS · FASSETT & JOHNSON LTD**

86 CLERKENWELL ROAD, LONDON, E.C.1

# SPONGES of all descriptions

ON SHOW AT

## ABERDEEN

DOUGLAS HOTEL,  
8th - 10th MARCH

## DUNDEE

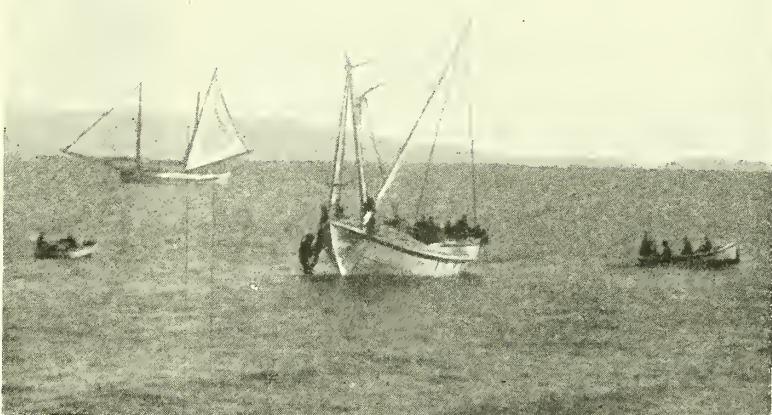
MATHERS HOTEL,  
11th - 13th MARCH

## EDINBURGH

COCKBURN HOTEL,  
COCKBURN STREET,  
15th - 20th MARCH

## GLASGOW

CENTRAL STOCKROOMS,  
92 UNION STREET,  
22nd - 27th MARCH



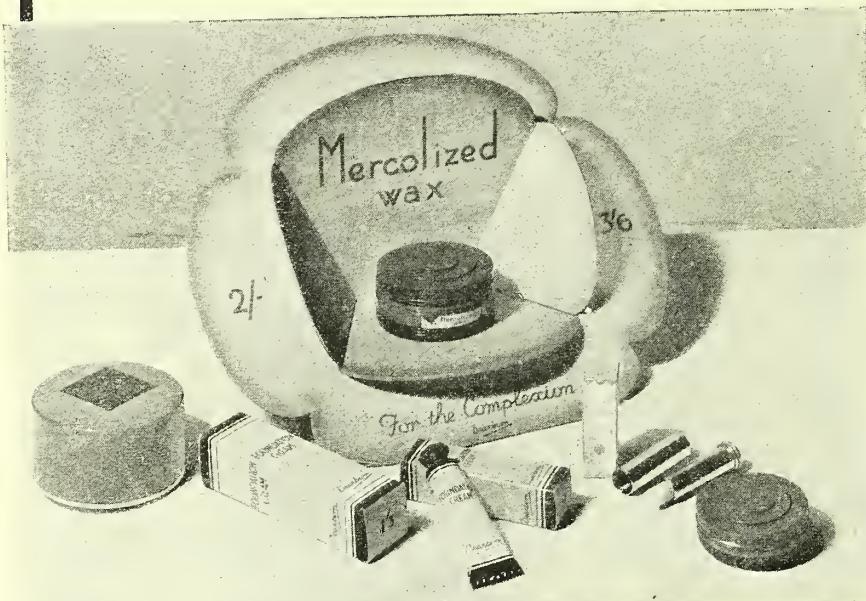
Our Fishing Boat at work in the Bay of Hydra.

Our Director Mr. TSIPIS and Representative Mr. McINNES will give their personal attention at Stockrooms as usual . . Write for illustrated Catalogue and Price List to:

**HYDRA SPONGE LTD.**  
129 FINSBURY PAVEMENT, LONDON, E.C.2

BIGGER PROFITS ON

# Mercolized Wax



MERCOLIZED WAX  
16/- 28/- 2/- 3/6  
per doz. retail

COMPLEXION POWDER  
14/- per doz. 1/9 retail

POWDER CREAM  
8/- per doz. 1/- retail

FOUNDATION CREAM  
6/- 10/- 9d. 1/3  
per doz. retail

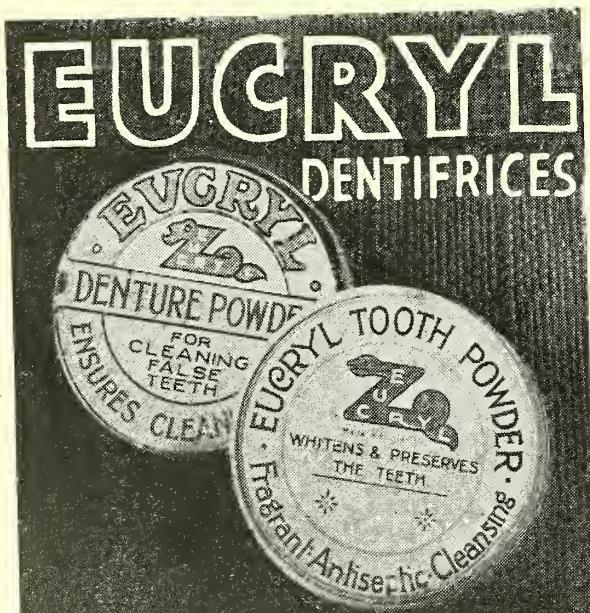
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28/- per doz. 3/6 retail

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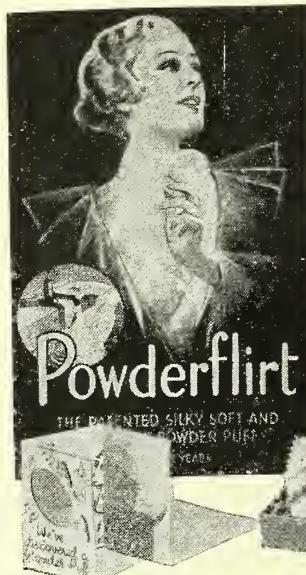
BOUGHT  
ON  
DISPLAY  
TERMS

**-YIELD-**

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EUCRYL LTD. Manufacturing Chemists, SOUTHAMPTON



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Your trade card or billhead will  
bring a dainty FOWLERFLIT  
by return... the always hygienic  
powder puff which can be washed  
every day. Soft and caressing  
in use, smartly and attractively  
packed and displayed, quickly  
sold with worth-while profits.  
Send now.



## **Powderflirt SUPERFINE SPONGY RUBBER POWDER PUFF**

Write for further particulars

Retails at 1/- 1/3 1/6 2/- 3/6

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Tel.: CENTRAL 3740

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174 PENN ROAD,  
WOLVERHAMPTON  
and  
137 NEWHAMPTON ROAD WEST,  
WOLVERHAMPTON  
6th February, 1937.

COUNTY CHEMICAL CO., LTD.  
(COUNTY PERFUMERY CO.)  
CHEMICAL WORKS,  
BRADFORD STREET,  
BIRMINGHAM, 5

Dear Sirs,

## Re BRYLCREEM

We deeply regret having infringed your Trade Mark number 487499 "Brylcreem," registered in class 48, and having passed off as your goods hair cream not of your manufacture. We ceased to do this immediately you issued a writ against us and we tender our sincere apologies and will not resume this practice in the future.

We declare that we have destroyed all offending material and paid you the sum of Fifty pounds (£50) towards the cost of the proceedings and damages sustained by you.

Yours truly,  
P.P. J. P. SHORTHOUSE & CO.,  
(sgd.) J. P. Shorthouse,  
Proprietor.

### WITNESS.

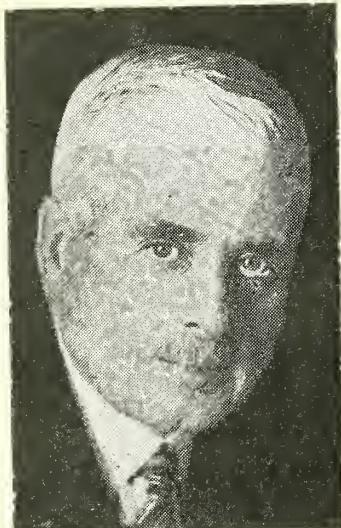
Name : W. F. Woolley.  
Address : Princes Square, Wolverhampton.  
Occupation : Solicitor.

**BRYLCREEM**  
PROTECTS THE  
PUBLIC FROM  
DECEPTIVE  
INFRINGEMENT  
OF  
**BRYLCREEM**  
TRADE MARKS

# BRYLCREEM

The County Perfumery Co.,  
North Circular Road, West  
Twyford, London, N.W. 10

THE PERFECT HAIR DRESSING



WILFRID HILL, Managing Director,  
The County Perfumery Company

# Wilfrid Hill says

TRADE MESSAGE No. 2

Last week I gave a short history of Brylcreem since its introduction nine years ago. In expressing gratitude to the Chemists whose co-operation made Brylcreem success possible I promised to describe our policy and explain what I mean by a fair deal to the Trade. Firstly then let me deal with our policy on Distribution. This can be stated in a few words. We endeavour to keep the Retail sales of Brylcreem exclusively in the hands of Chemists and Hairdressers. As Brylcreem sales and advertising began to dominate the market we received many tempting offers of business from outside sources, but we have turned such offers down. We feel that our loyalty is due to the two Trades which supported us in the early days and we intend to pursue this policy.

• That is why

# BRYLCREEM

safeguards your Trade

The County Perfumery Co., North Circular Road, West Twyford, N.W.10

**WARDONIA**

A CLOSE CLEAN  
QUICK SHAVE  
EVERY DAY

Your customers will prefer the fine shaving qualities and long life of Wardonia Barrel-Hole Blades. Order NOW—large range of display material free. Blades retail 4/- for 1/- and 10 for 2/6 in metal containers. Cost 21/- per box of 120 blades.

Sole Makers : THOMAS WARD & SONS, LTD.,  
Wardonia Works, Sheffield, 1



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IODINE LIQUID PLASTER

Made by:  
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Display Cards and Cartons of 1 doz. 6d. Tubes. Display Cartons of 1 doz. 1/- Tubes. Aluminium Containers 2/6.

APPLIED BEFORE WORK.

Also  
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In Tubes  
6d. & 1/-

**ROZALEX**  
KEEP'S HANDS CLEAN

PREVENTS  
CHAPPED  
HANDS

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Regd.

A popular Ladies' Brush



HARD WHITE  
HARD YELLOW

"Lady Nicotine"

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E.9  
Est. 1880

**OVER  
30  
MILLIONS  
OF  
THESE  
COUPONS  
OFFERED TO  
THE PUBLIC  
DURING  
MARCH**



**We guarantee  
to re-imburse  
you in full for  
every coupon  
taken.**

Vita Advertising is now in full swing and next week the great national newspapers, supported by those in the provinces, will carry the Vita coupon authorising you to let customers have a 2/9 bottle for only 2/-. Please help us to keep faith with the public by making a prominent Vita display and introducing this important price concession.



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Publications Dept.,  
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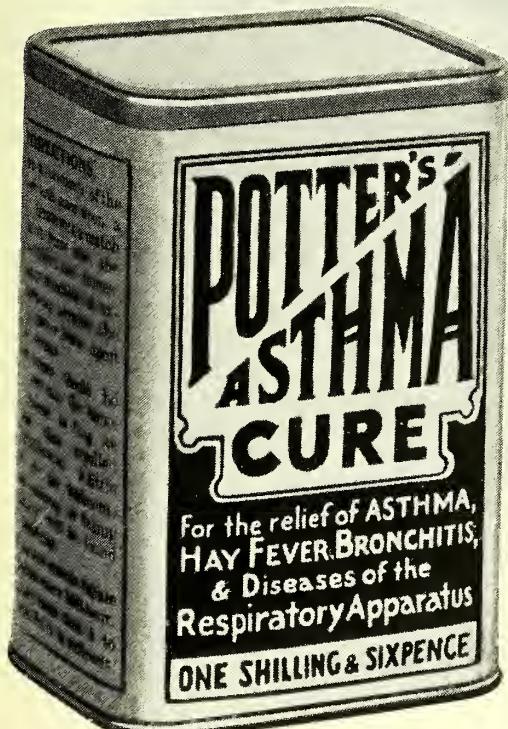
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BOXES · ½ DOZ.



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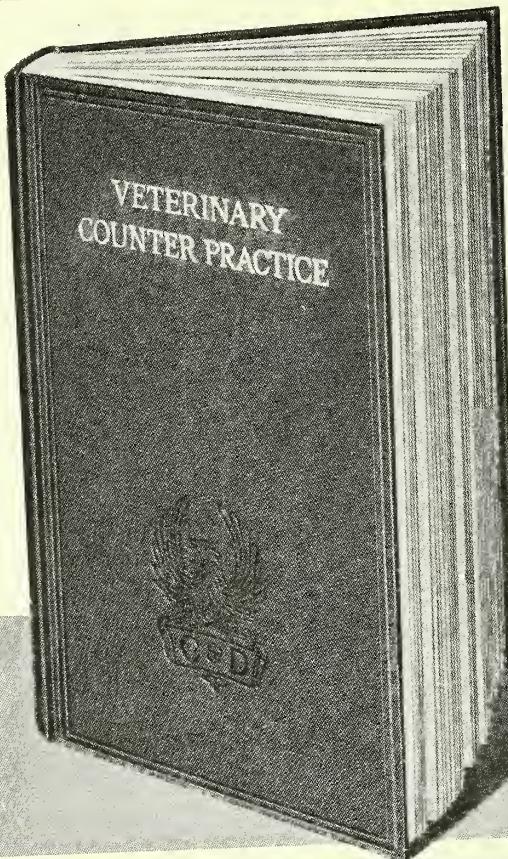
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# THE CHEMIST & DRUGGIST

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- VCP 3

# Protecting the trade mark

# 'Tabloid'

I, V. Alexis, of 9, Rue Decres, Paris 14, hereby offer apology to BURROUGHS WELLCOME & CO. (The Wellcome Foundation Limited) for wrongful use of the word 'Tabloids' which I acknowledge to be their trade mark.

I hereby undertake to immediately destroy all price lists, circulars or other printed matter in my possession or under my control in which the word 'Tabloids' is employed where the products of Burroughs Wellcome & Co. are not intended to be designated.

Dated this 11th day of January, 1937.

(Sd.) V. ALEXIS.

LABORATOIRES DES  
AMPHO-VACCINS

A. D. RONCHÈSE  
Docteur en Pharmacie

I, Laboratoires des Ampho-vaccins NICE (A.M.) France, tender my apology to Messrs. BURROUGHS WELLCOME & Co. (The Wellcome Foundation Limited) for use of the words "tabloid" and "tabloids" in connection with products not of their manufacture.

The employment of these words has been done with good faith in my ignorance that they were the exclusive property of Messrs. Burroughs Wellcome & Co. and I agree to the publication of this letter.

I hereby undertake to withdraw so far as possible and destroy all circulars and other printed matters in which the words "tabloid" or "tabloids" are employed where the products of Messrs. Burroughs Wellcome & Co. are not intended to be referred to.

Dated NICE this fourth day of January, 1937.

(Sd.) A. RONCHÈSE.

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quality is  
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Wellcome  
quality*



BURROUGHS WELLCOME & CO., LONDON

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*Offenders are rigorously prosecuted*

Hayling Island,  
Hants.

We, Mayo Holiday Homes, of Hayling Island, hereby tender our apology to Messrs. BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) for trespass upon their industrial property rights in the use of the word 'Tabloids' where the products of their House were not intended to be designated.

We undertake to surrender for destruction all price lists, circular letters or other publication of any nature whatsoever in which the words 'Tabloid' and 'Tabloids' are employed where the products of Messrs. Burroughs Wellcome & Co. are not intended to be designated.

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PROVEN TREATMENT for RHEUMATOID ARTHRITIS

REGD 12/-  
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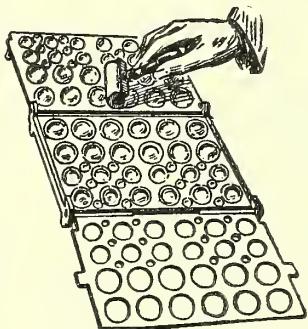


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The Business Newspaper for all Sections of the Drug, Pharmaceutical, Chemical, Cosmetic, Perfumery and Associated Industries

*The official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in Overseas Dominions*

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VOL. 126. NO. 2977

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## News of the Week

### Select Committee on Medicine Stamp Duties

The official report of the House of Commons debates for February 18 states that the report, with minutes of evidence, of the Select Committee on Medicine Stamp Duties, was "brought up and read" on that date. It was ordered that the report be printed.

### The Pharmaceutical Society's Coronation Banquet

The Coronation banquet of the Pharmaceutical Society will be held, by permission of the Corporation of the City of London, in Guildhall on Tuesday, April 6, at 6.45 for 7.15 p.m. The Lord Mayor of London and the Sheriffs will be present at the banquet. Members are asked to reserve the date and to apply for ticket application forms as soon as possible. The price of the ticket is 30s., inclusive of wines, cigars and gratuities. The Royal Artillery Band will play during dinner. Miss Olive Groves and Mr. Harold Williams will sing.

### Birmingham

Mr. W. A. Cadbury, chairman of the directors of Cadbury Brothers, Ltd., has retired from active management of the company, and has been succeeded by Mr. Edward Cadbury.

A lecture illustrated by lantern slides and cinema films was given by Dr. C. M. Walter (engineer in charge, City of Birmingham Industrial Research Laboratories) on the work carried on in the laboratories. He described the heat treatment, industrial heating and physical mechanical testing sections; and chemical, metallurgical and electrical laboratories. Dr. E. G. Bryant proposed a vote of thanks, and coupled with

it the name of Southall Bros. & Barclay, Ltd., who had provided the lantern and operator; this was seconded by Mr. Martin and carried with acclamation.

### Blackburn

The North-East Lancashire Branch of the Pharmaceutical Society again received the president of the Society (Mr. Thomas Marns) as guest on the occasion of the annual dinner, whisky drive and dance in the Blackburn Public Hall on February 11. In the absence of Mr. Ralph Pickup (president) through illness, Mr. H. H. Atherton (vice-president) was in the chair, and there were also present Mr. D. A. Bryan (chairman, National Pharmaceutical Union); the Mayor and Mayoress; Mr. Arthur Dobson, Blackburn (past-president of the Branch and member of the executive, N.P.U.); Mr. H. Carter (president, Blackburn Chemists' Association); Mr. Fred Law (secretary, North-East Lancashire Branch, and of the Blackburn Chemists' Association); and Mr. J. E. Isherwood (past-president, North-East Lancashire Branch). The M.C.s were Messrs. H. H. Atherton, H. Carter, J. Gillett, F. Gillibrand, R. Lucas and L. Mossop. Following the loyal toast, Mr. A. Dobson proposed "The Pharmaceutical Society of Great Britain." They welcomed Mr. Marns. His term of office coincided with the Coronation and with a year of great national and pharmaceutical importance. The Council of the Society would have to make some momentous decisions which he hoped and believed would be for the benefit of the profession. He congratulated Mr. Marns on his election as president of the P.A.T.A.; it was something unique in the history of pharmacy to have the president of the Society in this dual rôle. The Society had now had twelve months' working of what he described as "its new

status." Most of them had tried to make their premises conform to the regulations and to satisfy requirements. They had had visits from the lady inspector appointed under the Act, and he wished to congratulate the Society on the happy choice they had made. Membership of the Society was now compulsory. Their policy must now be one of educating public opinion. They wanted a complete separation of prescribing and dispensing. He claimed that if they were to have the responsibilities they should also have the "other things" which went with such responsibilities. Mr. Marns, in responding, said that he was glad to hear that they were so well satisfied with the Society's choice of inspectors. Pharmacists who conducted their premises on right lines had nothing to fear. He was glad that the Society did not receive "a great slating" from the proposer of the toast, although he understood that Blackburn was very near to Oldham—a town very prominent in pharmaceutical matters. Oldham evidently intended completely to change the complexion of the Council, and he had wondered whether Blackburn, also, desired a clean sweep. He had been a member of the Council for fifteen years, and he wished conscientiously to assure them that their representatives on that body were imbued with one great ideal—to do their best for pharmacy and the pharmacist. Reference had been made to the support accorded to the Benevolent Fund. In some districts they had deputed representatives to make this their special job, and he threw out the suggestion to Blackburn. Mr. H. Carter proposed "The National Pharmaceutical Union," and said Mr. Bryan, its chairman, had rendered useful service for many years. He believed that was the first occasion on which Blackburn had been honoured by a visit from any N.P.U. chairman. Mr. D. A. Bryan, in response, said the N.P.U. claimed that trade rightfully belonging to the qualified chemist should be diverted to its proper channel. Those who had read the evidence submitted to the Select Committee on Medicine Stamp Duties must be impressed with the great fight which was put up. It had been suggested in the past that the claims of pharmacy had been advanced too modestly. This might have been justified at one time, but the spoken word before the Select Committee was more eloquent even than the written report. Mr. J. E. Isherwood proposed "Our Guests." The Mayor, responding, said he looked on their profession as one of the most important in the British Commonwealth. Mr. J. Gillett acted as toastmaster.

### Brighton

The Brighton and Hove Association of Pharmacy met at Booth's Restaurant on February 16, when a cine lecture was given to branch and association members by Mr. J. E. Ellery (Evans Sons Lescher & Webb, Ltd.). The subject was "The Manufacture and Standardisation of Certain Biological Preparations." The lecturer dealt with liver extract, hog's stomach, the pituitary glands and their uses, mercurochrome and its toxicity tests, and the Friedmann pregnancy test. The lecturer was thanked on the motion of Mr. D. Foster (president).

A joint meeting of the British Medical Association (Brighton Division) and the Brighton and Hove Association of Pharmacy was held at the Grand Hotel, Brighton, on February 11. After a supper, a lantern lecture was given by Mr. Walter Deacon (a member of the Pharmaceutical Society's Council) on "The Romance of Hospitals." Introducing the lecturer, Dr. Parry mentioned that Mr. Deacon, by giving similar lectures, had raised no less than £5,000 for hospitals. The lecturer was heartily thanked on the proposition of Mr. McCurrieh, F.R.C.S., seconded by Mr. G. H. Phillips (secretary of the Association).

### Coventry

The third annual dinner of the Warwickshire Branch of the Pharmaceutical Society was held at the King's Head Hotel, Coventry, on February 18. Mr. P. F. Rowsell (a past-president of the Society) represented the Society. Other distinguished guests included the Mayor and Mayoress of Coventry, Colonel W. F. Wyley, Mr. D. A. Bryan (chairman, National Pharmaceutical Union Executive) and Mrs. Bryan, Dr. E. G. Bryant (chairman, Birmingham Branch) and Mrs. Bryant. Proposing "The Society," Mr. E. N. Liggins, Coventry, gave a graphic description of the early meetings which brought about the formation of the Pharmaceutical Society in 1843. Mr. Rowsell, in reply, compared the Pharmaceutical Society of 1843 with the present body. He touched on the necessity of enlarged accom-

modation for the work of the Society. As chairman of the Society's education committee he explained how changing conditions had made the higher pharmaceutical qualification imperative. Proposing "The National Pharmaceutical Union," Dr. Bryant touched on the circumstances leading up to the formation of the Union, and expressed his admiration of the way the difficult problems facing the organisation had been dealt with and surmounted. Mr. Bryan, responding, assured those present that the proper claims of pharmacists had always been and would continue to be fearlessly advocated by the Union. Colonel Wyley proposed "The Branch." This, he said, was founded in 1912, first as the County Association and later as the Branch proper, with Mr. H. Hutton as its first president. Colonel Wyley invested the president with the handsome badge of office given by him. Mr. Nundy, responding, thanked Colonel Wyley for his generous gift, which was very much appreciated. The toast of "The Guests" was given by Mr. W. A. Bales (chairman, Coventry Branch, N.P.U.), and was responded to by the Mayor of Coventry and Mr. H. A. Brook. The arrangements for the dinner were carried out by Mr. C. H. Welton, Coventry. Musical items were rendered by various members of the Branch.

### Leicester

The second annual re-union of the Leicester School of Pharmacy was held at the Grand Hotel, Leicester, on February 17. The function took the form of a supper and dance. Mr. Marns (president of the Pharmaceutical Society) and Mrs. Marns were present as guests. In addition, there were present Mr. L. W. Kershaw (principal, College of Technology) and Mrs. Kershaw, Mr. K. Holmes (principal, College of Art) and Mrs. Holmes,



AT A LEICESTER DINNER

*Standing (left to right): Mr. STILES, Mr. SQUIRES, PRINCIPAL KERSHAW, Mr. PURSE, MISS KAY, MR. HANNAM, MR. GUNN, MRS. PURSE  
Seated (left to right): MRS. MARNS, MR. MARNS, MRS. KERSHAW*

Mr. Purse (president, local branch of the Pharmaceutical Society) and Mrs. Purse, Councillor W. Oram (vice-chairman, College Committee) and Mrs. Oram, students from all parts of the country and many local chemists. The toast "The Visitors" was proposed by Mr. Kershaw, who thanked the president and Mrs. Marns for the honour they did the School and pointed out that it was eleven years since a president of the Society had been in Leicester in an official capacity. Mr. Kershaw said that it was fifty years since pharmacy was first taught in Leicester; when the new building was completed they would have one of the finest suites of laboratories in the country for the teaching of pharmacy. In reply, Mr. Marns expressed the opinion that the new building would be unequalled by any in the United Kingdom. He was particularly interested in new buildings, as the Society was now engaged in building a new home for pharmacy. The toast "The Old Lags" (old students of the School) was proposed by Councillor W. Oram. Mr. E. Fitchett replied. An item of entertainment which was warmly praised was entitled "From Far and Near": present and past students from different parts of the United Kingdom eulogised their home towns in verse, each being introduced by a suitable "signature tune." A "ballet" was also performed by the students, illustrating a day in the pharmacy, and punctuated by a running commentary in rhymed couplets. Mr. Kershaw expressed the thanks of the company to Miss A. L. Kay and Mr. Colin Gunn for arranging the reunion.

### Liverpool

The Liverpool Insurance Committee has appointed a committee to confer with chemists and, if necessary, doctors, on the provision of an adequate prescription service under the Shops (Sunday Trading Restrictions) Act, 1937.

An address on "Work in a Pharmaceutical Chemical Factory," illustrated by lantern slides, was given by Mr. A. J. Jones, A.I.C., Ph.C. (Evans Sons Lescher & Webb, Ltd.), to members of the Liverpool Chemists' Association on February 16, the president (Mr. G. L. Clubb) in the chair. Mr. Jones dealt with the main differences between the chemist in a factory and the pharmacist behind the counter. A chemist, he said, might evolve a very high-grade material in the laboratory, but they might not be able to produce it of that standard in the factory owing to the cost involved in its production. As works chemists they had to keep an open mind, conduct their operations with meticulous accuracy and not take anything for granted. Dealing with crystallisation, Mr. Jones remarked that in factory work there always seemed to be a certain amount of secrecy among manufacturers. In the old days they would find Mr. So-and-so asking how to do a certain thing, and it was a matter of some pride for a fellow pharmacist to explain it to him, but that sort of thing did not go on now. In regard to distillation, they would be surprised to know how much there was to know about fractionation. Another thing they had to study in factory work was heat. If it was pharmacy, who among them had the training for it? Pharmacists in the shop had not to worry a great deal about that. A vote of thanks was proposed by Mr. John Rae.

### London

At the West London Police Court, on February 19, Charles Brown (50), labourer, was committed for trial on various charges (*C. & D.*, February 20, p. 212).

Owing to the illness of Professor James Chadwick the course of lectures on "The Artificial Transmutation of Matter," arranged to be given at King's College on March 2, 9 and 16, has been cancelled.

Solport Brothers, Ltd., held their annual staff dance on February 19 at the Victoria Hall, Bloomsbury, W.C.1, when they welcomed many friends from home and abroad. Their home and foreign representatives attended, and were very pleased to entertain a large number of customers at this cheerful gathering.

A social evening and dance was held by the London employees of Timothy Whites & Taylors, Ltd., at the Queen's Hall Ballroom, Langham Place, W.1, on February 11. Mr. W. J. Woodley was M.C. There were various novelty items and dance prizes were presented during the evening by Miss Wilson, daughter of the sales director.

The South of England, Westminster and London Colleges of Pharmacy send a preliminary announcement of a Coronation dance at the Tavistock Hotel, Covent Garden, London, W.C.2,

on May 11. There will be dancing from 9 p.m. to 2 a.m. and a fully licensed buffet. The M.C.s. will be Mr. H. Lucas, Mr. I. G. Rankin and Mr. P. H. Woodnoth. Old students and friends requiring tickets are asked to apply to their respective colleges or to the dance secretary, 186 Clapham Road, S.W.9. The tickets will be 5s. each; the number is limited.

At a recent meeting of the Guild of Public Pharmacists a lecture entitled "The Chemistry of the Hormones" was delivered by Dr. Christian Bomskov (Hamburg University). Dr. Bomskov outlined the recent advances made in Germany in the preparation of synthetic products possessing properties similar to those of the natural hormones. After the address a vote of thanks to Dr. Bomskov was proposed by Dr. W. H. Linnell, who drew attention to the simple chemical relations between the compounds described.

More than 450 members of the executive, laboratory and factory staff and friends of the Crookes Laboratories were present at a dance held at the Porchester Hall, Bayswater, London, W.2, on February 15. Among them were the chairman of the company (Captain Kelly) and Mrs. Kelly; the general manager (Mr. C. C. Looker); the chief chemist (Mr. R. T. M. Haines) and Mrs. Haines; the consulting chemist (Mr. J. F. Ward) and Mrs. Ward; Mr. F. J. W. Thompson and Mrs. Thompson; the sales manager (Mr. R. H. H. Symonds); and the senior representative (Mr. J. Macvie Hill). The M.C.s. were Messrs. A. H. Claisse, E. L. Burrows, G. E. Watson, W. Cook and E. T. Westmacott.

Mr. H. M. Hirst addressed the South-West Metropolitan Branch at its meeting on February 5. He opened by comparing and contrasting the procedure of the Society's Council with that of a town council. He found there was no definite clique or official opposition. It was noticeable that officials took part in debate much more than is usual at a town council meeting. Owing to time restrictions and the fact that committee reports sometimes would only be in the hands of members of the Council just before the Council meeting, a member had little opportunity for detail work unless on a particular committee. At his was, a member of the Council devoted considerable time to the Society's work, and by the end of his first year he would have given up sixty days. The speaker dealt in detail with the work of the establishment, education, publications, law, finance and organisation Committees. He stressed that the Benevolent Fund was conducted free from expense and made a special appeal for additional support. Mr. Hirst said that two days previously he had been into every room, corridor, cellar, etc., of the present building and he fully appreciated the difficulties under which the staff worked and the handicaps of conducting departments in sections of a building never intended for that purpose. The discussion was joined by Mrs. Freke, Messrs. Woodnoth, Atkinson, Pfenninger, Browne, Evans, Begg and Edgecombe. A hearty vote of thanks was accorded on the proposition of Mr. P. Sparks.

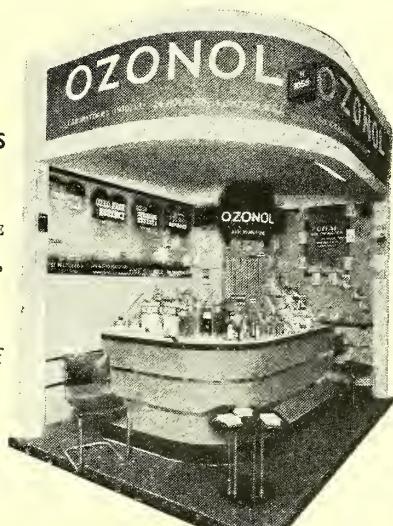
At a gathering of over 100 members of the North London Branch of the National Pharmaceutical Union on February 16,



At the  
BRITISH INDUSTRIES  
FAIR

*Left:* The stand of THE  
BRITISH DRUG HOUSES,  
LTD.

*Right:* The stand of  
OZONOL LABORATORIES  
(1930), LTD.



Mr. G. A. Mallinson (secretary of the Union) gave an address on "Matters of Moment in Pharmacy." Mr. G. A. Tocher was in the chair. Mr. Mallinson said a perusal of the pharmaceutical Press revealed two matters that could be termed momentous, namely, the medicine-stamp duty and the Chemists' Friends Movement. It must be obvious, he said, to everyone who had read the reports of the Select Committee's proceedings that a certain hostility existed towards pharmacy. Efforts of the pharmaceutical representatives to obtain any direct interest on the Committee had been turned down. Evidence on behalf of the N.P.U. had aimed at maintaining for chemists their 130-year-old privilege of exemption. He suggested that the Select Committee was impressed by the view taken by the N.P.U. that (a) articles sold with open distribution should be stamped, (b) those sold by registered chemists with disclosed formulas should be unstamped. Mr. Mallinson said he foresaw a possibility of all proprietaries being stamped, probably at a lower rate. In the event of this, he was convinced that the greatest value of the chemist to the public would rest on his personal appeal, which was intimately connected with his education. Was it not significant, he said, that all national advertisers regarded the chemists as their best distributors, representing over 80 per cent. of the medicine trade? The multiple-shop owners stressed the importance of their drug departments and analytical control. Introduction of the C.F. movement was a natural sequence to these events; the individual chemist must make a stand for his legitimate business. The only alternative was a loss of prestige and a sinking to the drug-store level. He appealed to members to increase their self-respect and to dissociate themselves from other distributors by concentrating their window and counter displays on their own lines. The question of bonuses could now be viewed in its true perspective as the result of accountants' figures, while individual reports showed in every case an increased net profit.

In reply to those members who said they were waiting for further action from headquarters, Mr. Mallinson replied that the N.P.U. was not in a position to enforce its rules upon members as were most trade unions. Power to bargain with manufacturers outside the scheme would be increased when the majority of chemists gave their practical support. Mr. Jenkins asked whether Continental practice on medicine-stamp duty had been considered. Mr. Mallinson replied that there was no argument relevant to the inquiry, which was concerned only with revenue. Mr. Weiss gave an account of the part Tottenham chemists had played since the inception of the scheme; fourteen months ago he had secured 100 per cent. support, but recently certain members had temporarily fallen away until they could see a more united action in other districts. They still believed the scheme was good. Mr. Finlayson said his shops had given the scheme a trial of three months, but at present each had a free hand. In replying, Mr. Mallinson said that the period of support given by some members was not a fair trial; they must exercise more stamina if they would work for a lasting benefit upon pharmacy. The chairman then put the resolution "That this meeting of N.P.U. members agrees to support the C.F. movement and to carry out the various conditions attached thereto." This was carried unanimously. A special C.F. committee was formed to carry out propaganda work in each district of the branch area. Mr. Ratcliff (Wembly) read a message of greeting and an appeal to North London to continue the fight for chemists. A vote of thanks was proposed by Mr. J. C. Young.

### Manchester

A correspondent writes:—"Mr. A. L. Blain, Ph.C., of whom a short obituary notice appeared in the *C. & D.* of February 20, was a well-known and popular pharmacist. He was a prominent man he did can never be over-estimated. He was a member of the Manchester Pharmaceutical Association, and took an active part in its work during all his career in Manchester. He was secretary in 1911-13, librarian for fifteen years and a member of the council for a long period. He did much useful work as a supervisor with the late Mr. John Wild at Manchester University in connexion with the pharmaceutical scholarship examinations held there. He retired in 1919 to a well-earned rest after a strenuous life in the city, where as a partner in Blain & Hankinson he was in intimate association with most of the leading medical specialists of his day."

The local branch of the Photographic Dealers' Association met on February 17, under the chairmanship of Mr. H. Stein-

man, to hear an address on "Colour Photography" by Mr. L. Penwarden (Agfa, Ltd.). At the conclusion of the lecture Mr. J. Cleworth proposed a vote of thanks, and said the excellent slides which had been shown would encourage those who had not yet done any serious work in this branch of photography. It had been shown that to obtain good results was by no means a difficult undertaking in these days. The lantern was operated by Miss Foxall. Following refreshments, the annual meeting of the Branch was held, and after the presentation of the secretary's and treasurer's reports the following were elected to serve on the executive during the year:—*Manchester and District*.—Messrs. Aves, Chapman, Cleworth, Haines, Hogley, Lomax, Steinman, Wood, Miss Foxall and Miss Robinson. *Salford and District*.—Messrs. Collins, Bairstow, Edwards, Jones and Wilkinson. *Outside Districts*.—Messrs. Ash, Darbyshire, Edwards, Scholes and Tyler. Mr. Lomax, representative of the National Council, gave a *résumé* of his activities, and also of the steps taken by their representatives at the last P.D.A. Conference. He was sure that the work they had done then would bear good fruit in the coming season. Appreciation was expressed for all Mr. Lomax was doing.

### Nottingham

At Nottingham Guildhall, on February 10, Dorothy Smith (43), Sparkhill, Birmingham, was placed on probation for two years on a charge of stealing from Nottingham City Hospital a box containing morphine and strychnine.

The Sir Jesse Boot Foundation lecture at Nottingham University was given on February 12 by Professor Gulland. His subject was "Where Chemistry and Biology Meet." The Professor illustrated his lecture with slides showing the effect of thyroid glands.

Speaking at University College, Nottingham, on February 9, Dr. McLean (of the Lister Institute of Preventive Medicine), said that only in recent years had the importance of traces of metals in the chemical changes going on in living matter been realised. The chemist used high temperatures on powerful reagents to produce changes in the laboratory, but in living tissues these reactions took place at low temperatures, and without the use of violent methods. The reactions took place in the presence of enzymes. Work on yeast extracts showed that these enzymes were not enough, and were accompanied by co-enzymes. Neither, however, would work unless minute traces of magnesium were present.

About forty members of the Nottingham and District Branch of the Pharmaceutical Society assembled at the Albert Hotel to partake of a "Tripe and Pancake Supper" (with steak and chips for those who desired) on Shrove Tuesday. Mr. H. T. A. Gretton (vice-chairman) presided in the unavoidable absence of Mr. F. Wilson Moulds (chairman). After supper Mr. C. E. Reynolds proposed the toast of "The Chairman," which was enthusiastically honoured. A varied performance was afterwards given by Messrs. J. Green, R. W. Potter, Mitchell, H. Miller, J. Atherley and T. W. Burrows, together with community singing. On the following evening, at Marsden's Café, Mr. R. Bulley delivered an address entitled "The Life of the Trees," Mr. F. Wilson Moulds presiding. The lecturer traced development from the fern age to the present time. He mentioned that in China and Japan there were dragon trees that had been cultivated for 6,000 years. A vote of thanks to the speaker was proposed to Mr. C. E. Reynolds.

### Plymouth

A feature of the annual dinner of the Plymouth and District Branch of the Pharmaceutical Society at the Royal Hotel on February 17 was that it was without speeches. The only toast was the loyal one, which was proposed by Mr. Fearnley Wallis (president), who was supported by the chief constable, Dr. and Mrs. Reid and Dr. H. N. and Mrs. Palmer. Mrs. Fearnley Wallis presented the prizes to the winners of the whist drive which preceded the dinner. There were forty-four tables for whist, and Mr. T. Driscoll was M.C. Prize-winners were: Mrs. W. Woodrow, Mr. E. Carwithen, Mrs. P. Johnson, Mr. F. Spear, Mrs. C. Bailey and Mr. H. Denston. A dance followed. The arrangements were carried out by Messrs. Fearnley Wallis, D. Hawkins (secretary), T. Driscoll (social secretary), C. J. Yeates, C. U'Ren, T. Harvey and Miss M. M. Harris.

### Torquay

Mr. W. J. Beardsley (a member of Council of the Pharmaceutical Society) addressed the Torquay and District Branch on "Recent Legislation affecting Pharmacists" recently. Mr. W. K. Godfrey (chairman) presided. Mr. Beardsley opened his address with an appeal on behalf of the Benevolent Fund. Turning to the inspection of pharmacies, he said that reports of misdemeanour on the part of inspectors would be thoroughly investigated. Numerous questions were answered by Mr. Beardsley. A vote of thanks was proposed by Mr. Quant.

A meeting of the Torquay and District Branch of the National Pharmaceutical Union was held recently. The chairman (Mr. W. Burr) asked the secretary to read a summary of the Shops (Sunday Trading Restriction) Act for the benefit of members who were not able to attend the previous meeting. In reply to a question, the secretary stated that a director who was also a manager of a shop was in the same position as a qualified assistant unless he derived all his remuneration by way of dividends on his holding in the company. It was generally felt that the Sunday services would have to be curtailed and a rota arranged. Ways and means of furthering the Chemists' Friends scheme were discussed and many suggestions made. It was decided that arrangements should be made locally for periodical displays of C.F. lines. It was decided to approach every chemist in the district pointing out the advantages of uniformity in display, and to ask for his support.

### Miscellaneous

**FIRE.**—An extensive fire broke out on February 16 at the mill and warehouse of Chambers & Fargus, Ltd., oil refiners, Hull. The damage was considerable.

**IN THE COURTS.**—At Lincolnshire Assizes, recently, Frederick Seir, tailor, was sentenced to eighteen months' hard labour for breaking into the shop of E. & M. Werge, chemists, Cleethorpes, and stealing goods valued at £6.

**DENTAL BOARD.**—The report of the Finance Committee of the Dental Board of the United Kingdom, presented at the February meeting of the Board, states that income for the year 1936 amounted to £39,224 and expenditure to £41,330.

**WINE-LICENCE APPLICATIONS.**—At Macclesfield Licensing Sessions, recently, an application for a wine off-licence by J. H. & S. D. Andrew, chemists, Bollington, was granted, subject to the sales being confined to medicated wines. A similar application by Mr. F. Mullineaux, M.P.S., Blackburn, has been refused.

**THE ROYAL INSTITUTION.**—Among forthcoming lectures at the Royal Institution, London, W.1, are four by Lord Rutherford (on February 27, March 6, 13 and 20, at 3 p.m.) on "Positive and Negative Electrons"; and four by Professor Edward Mellanby (on March 2, 9, 16 and 23, at 5.15 p.m.) on "Digestion and Indigestion."

**WINDOW-DRESSING AWARDS.**—Mr. J. Hearle (a member of the Executive, National Pharmaceutical Union) acted as judge in a window-display competition organised in Wembley for two "Chemists' Friends" items: Vapex and Magnoleum. Prizes of £2 2s. and £1 1s., presented by Thomas Kerfoot & Co., Ltd., were won by Mr. E. Ratcliffe, 14 Ealing Road, and by Morrell & Dixon, 7 Central Parade, Wembley.

**SHOPPING FESTIVALS IN LANCASHIRE.**—The retail traders of Lancashire are making elaborate preparations for observing the forthcoming Coronation. Ambitious trade projects are contemplated, fostered by the co-operation of local authorities who are offering electricity at low rates. Burnley Chamber of Trade, however, has decided not to proceed with a contemplated window-dressing competition for Coronation week. Lytham Chamber of Trade is organising a shopping week for March 8-13; the Alderman Dawson cup will be awarded to the winner of the display contest.

**KENT ANALYST'S REPORT.**—The report of the Kent county analyst dealing with the quarter ended December 31, 1936, gives the number of samples examined as 1,546, of which fifteen (1.38 per cent.) were adulterated. The samples included 170 of drugs, three of which were found to be adulterated. A bottle marked "Finest Tasteless Castor Oil" was found to be about half full of glycerin. The vendor was cautioned. An informal sample of boric ointment was some 14 per cent. deficient in boric acid, but subsequent samples were correct. A sample of liquorice powder was found to contain an excessive amount of sandy matter.

### Scottish Notes

#### Brevities

Mr. A. B. Gilmour (chairman, Glasgow and South-Western Scotland Branch of the Pharmaceutical Society) has been appointed chairman of directors of the Chemists' Friendly Society, 206 Sauchiehall Street, Glasgow. Mr. J. H. Ramsay, Ph.C. (managing director, W. & R. Hatrick, Ltd., 158 Renfield Street, Glasgow, and vice-chairman of the same Branch) has been appointed to the board.

A Bill "to control the sale in Scotland of methylated spirits and of methylated spirits in admixture; and for other purposes connected therewith" has been introduced into the House of Commons by Miss Horsbrugh and seven other members. The Bill proposes to enact restrictions on sale similar to those in force in Northern Ireland. It is published (price 1d.) by H.M. Stationery Office. In moving for leave to bring in the Bill, Miss Horsbrugh made a brief speech. She suggested that if the proposed control works satisfactorily in Scotland, its adoption by England will be suggested.

### Edinburgh

Among the candidates for election as Fellows of the Royal Society of Edinburgh is Mr. Joseph John Blackie, Ph.D. (Edin.), A.I.C.

Judgment has been issued by Lord Stevenson in an action in the Court of Session, Edinburgh, at the instance of Boots Pure Drug Co., Ltd., against William Thomson's Trustees and others. Under the action Messrs. Boots asked the Court to declare that they were proprietors of the solum (ground) of Mint Close, Dundee, situated between No. 50 High Street and Nos. 51-53 High Street, Dundee, and that they were entitled as owners of the ground floor and upper flats *ex adverso* of the said close to form access thereto from their subjects on either side of the close. The pursuers also asked for interdict against the defenders interfering with or hindering them using Mint Close as a means of access from their properties on the east and west side thereof. A proof lasting five days took place in the Court of Session. Lord Stevenson issued an interlocutor dismissing the action and decerning against Messrs. Boots. He finds them liable in expenses. He holds that the pursuers have failed to prove their right to the solum of the close, and that there would be interference with the rights of the defenders if Messrs. Boots were entitled to make the alterations on their properties which they proposed.

### Glasgow and West of Scotland

Professor G. G. Henderson, D.Sc., LL.D., F.I.C., F.R.S., has intimated his intention to resign the Regius Chair of Chemistry in the University of Glasgow as from September 30.

Professor Henderson was educated at the Universities of Glasgow and Leipzig, and was lecturer and demonstrator in chemistry in Glasgow University from 1884 to 1892. From 1891 until 1892 he was lecturer in chemistry at Queen Margaret College, and in 1892 was appointed Professor of Chemistry in the Royal Technical College, where he served until his appointment as Professor of Chemistry in the University in 1919. Professor Henderson was elected president of the Society of Chemical Industry in 1915, after serving successively as secretary and chairman of its Scottish section. In 1916 he was president of Section B of the British Association; he is also a past-president of the Institute of Chemistry and a vice-president of the Chemical Society.



Photo] [Press Portrait Bureau  
PROFESSOR G. G. HENDERSON

The governors of the Royal Technical College, Glasgow, have appointed Mr. James Prior Todd, Ph.D., Ph.C., to be Professor of Pharmacy as from August 1. Dr. Todd was also appointed

superintendent of the School of Pharmacy, with administrative charge of the department of bacteriology and botany. The appointment follows the death of Professor Ellis. Dr. Todd is a native of Glasgow, where he received his early education. He served his apprenticeship as a chemist to Mr. T. W. Ferguson, Cathcart Road, Glasgow. He studied pharmacy at the Glasgow and West of Scotland College, qualifying at the age of twenty-one. During the war he served for four years with H.M. Forces in South Africa, India, and Iraq; he also acted as examiner in pharmacy to the Civil Commissioner in Baghdad. On demobilisation he was appointed principal of the Glasgow and West of Scotland School of Pharmacy, and in 1921 was appointed lecturer in pharmacy and pharmacognosy in the Royal Technical College. Glasgow University conferred the Ph.D. degree on him in 1933 for a thesis on "The Interrelationship of the Enzymes and Alkaloids of Belladonna and other Solanaceous Drugs." Under his direction considerable research work has been carried out in recent years in the laboratories of the Royal Technical College. Dr. Todd is an active member of the Glasgow and South-Western Scotland Branch of the Pharmaceutical Society, a member of the subcommittee on pharmacognosy appointed by the Society, and is on the North British Executive.

## Irish Notes

### Ulster Chemists' Association

A pleasant little function took place at 73 University Street, Belfast, on February 11, when the members of the Executive Committee of the Ulster Chemists' Association met to congratulate the president (Mr. A. Steede) on a recent happy event in his domestic life. After supper the vice-president (Mr. R. Linehan), in a few well-chosen words, complimented Mr. Steede on being the father of a son and heir, and called upon Mr. McGregor, who on behalf of the Committee eloquently conveyed the congratulations of his fellow members and presented Mr. Steede with a small silver memento suitably inscribed. Mr. W. C. Tate and Mr. W. J. Rankin also spoke. Mr. Steede, on behalf of himself, Mrs. Steede and his son, thanked the members for their kind congratulations and the handsome present. An enjoyable impromptu programme followed.

Mr. William Blair, secretary of the Association, writes:— "In the report of the annual meeting of the Belfast Pharmacy Branch of the National Union of Distributive and Allied Workers as published in the 'Irish Notes' in last week's issue of your Journal, it is stated that 'the Committee had had

a conference with the Ulster Chemists' Association with regard to various matters affecting the interests of the trade.' I have to inform you that this statement is incorrect. No conference has ever taken place between the Ulster Chemists' Association and any committee of the National Union of Distributive and Allied Workers."

## Brevities

At Keady, co. Armagh, recently, Mr. George Cheevers, R.D., was fined 20s. for a breach of the Licensing Act.

The new pharmacy of Mr. John J. Smith, M.P.S.I., at Tyrconnel Road, Inchicore, was broken into during last weekend, and some goods were stolen.

Miss A. L. Connolly, M.P.S.N.I. (a past-chairman of the Londonderry Chemists' Association), was presented, at the Northern Counties Hotel, Derry, on the occasion of her forthcoming marriage, with a canteen of cutlery (containing over 100 pieces) by chemists in Derry. Mr. John Maxwell (a past-president of the Pharmaceutical Society of Northern Ireland) made the presentation. He pointed out that she was the first lady in Ireland to be elected chairman of a chemists' association, and during her term of office she had graced many social functions. She had successfully organised the first dance to be held in Derry under the auspices of their Association, and had taken part in entertaining the Council of the Pharmaceutical Society of Northern Ireland. Mr. J. Glendinning (a member of Council, Pharmaceutical Society of Northern Ireland), Mr. Henry L. Craig, Mr. E. Barr (secretary, Londonderry Chemists' Association) and others joined in congratulating Miss Connolly on her work on behalf of the chemists of the North-West, and in wishing her many happy married years. Miss Connolly suitably replied. The company afterwards sat down to supper.

## Dublin

As we go to press we learn that the plaintiff was awarded £155 damages, with costs, in the case the report of which begins on p. 247 of this issue.

In Dublin District Court, on February 24, Edward Brady, Thomas Doyle, Bernard Cashin and Benjamin Ridge-way were committed for trial on a charge of having stolen Aspro to the value of over £85 from May Roberts (Ireland) Ltd., and conspiring to steal the goods. Patrick Conlon was sent for trial on a charge of receiving the property (*C. & D.*, February 6, p. 159).

# Topical Reflections

By Xrayser

## A New Edition

of "Veterinary Counter Practice"—the ninth—makes its bow at a time when the attention of pharmacists should be focused, as never before, on the possibilities of business with farmers, poultry breeders and the like, and with animal lovers particularly. The cult of dog and cat breeding is one that should spell profit to the chemist, for, quite apart from their medicines, there is a demand for articles appertaining to their toilet: a visit to a show such as Cruft's will prove this. To be a successful veterinary chemist one should possess, at least, a general interest in animals. The veterinary pharmacopoeia is a much fuller one than it used to be, as a study of "Veterinary Counter Practice" will prove; treatment of animals has been lifted to a higher level than was once the case. Surgical instruments for use with animals are made with the same care and skill as are those for human beings; operations are carried out under aseptic conditions, and the veterinary surgeon of to-day compares with the medical practitioner in outlook and technique. I commend a study of this new edition to your readers; it will give those who have never studied the subject a wide outlook on its possibilities for new business: it will tend to "brush up" the knowledge of those who are already conversant with the subject.

## The Address

delivered in Sheffield recently by Professor Whitfield (pp. 228-29) will be, in my estimation, of the greatest service to pharmacists, because the conclusions he has arrived at and the advice he gives are based on common sense and are in accord with "counter practice" as carried on by pharmacists generally. The public usually consults the retail chemist in cases of inflammation of the skin: those who have spent many years in pharmacy will confirm this. The condition may be due to chilblains, to bites and stings of insects, to erythema, to urticaria, or to other conditions in which the symptoms are puzzling—as symptoms in skin troubles often are. We are told by Professor Whitfield why some dusting powders, for instance, are better than others, and why some greases may be almost useless and others effective; the note about Lassar's paste should also be remembered. The mention of the lotion introduced by Malcolm Morris revives memories of years ago: the dispensing of it I frequently gave to my apprentices, as it was sometimes difficult to produce a satisfactory emulsion; I have seen more than one attempt thrown away. I am glad to read the comments on the old-fashioned calamine lotion. In my experience this is far and away the best all-round lotion for skin inflammation and is still selling well.

## Legal Reports

**Dangerous Drugs Acts.**—At Belfast Summons Court, on February 22, Mr. James W. Gilchrist, Ph.C., Antrim Road, was charged with breaches of the Dangerous Drugs Acts, 1920-32, as follows:—(1) Failing to enter in the register particulars in regard to morphine supplied by him between February 17, 1935, and January 25, 1937; (2) between February 17, 1935, and November 10, 1935, failing to enter in the register quantities of morphine obtained; (3) on January 27, 1936, failing to enter particulars in respect of morphine obtained; and (4) between February 17, 1935, and January 22, 1936, failing to enter particulars of morphine obtained. Dr. J. V. S. Mills, Crown Solicitor, prosecuted; Mr. B. J. Fox defended. Dr. Mills gave details of the visits of the Inspector to the premises of the defendant. Mr. Fox said the explanation his client gave was that he was careless in the supervision of entries of these poisons. Of the amount of 177 gr. he could account for "a good portion." Dr. Mills was then sworn, and with the magistrate and Mr. Fox discussed in detail the entries in the defendant's register. Eventually Dr. Mills withdrew the fourth summons. The magistrate said that of 373 gr. 215 were disposed of, but only 38 were entered. He read the three charges to Mr. Gilchrist, who admitted them. The magistrate said he had come to the conclusion that he should impose penalties totalling £50.

**Accident Claim.**—At Liverpool Assizes, recently, after a hearing lasting four and a half days, Mrs. Margaret Hendry Youngson, Oakdene, Glendyke Road, Calderstones, Liverpool, widow of Mr. N. S. Youngson, succeeded in a claim for damages against Monsanto Chemicals, Ltd., Victoria Station House, London, S.W.1, on her own behalf and on behalf of Mr. Youngson's mother, to whom he had allowed £96 a year. The Audley Engineering Co., Ltd., Newport (Salop) and Manchester, were brought in as third party to the action by the Monsanto Co., who claimed to be indemnified by them against any liability in respect of Mr. Youngson's death. The Audley Company denied breach of warranty or negligence on their own part. Mr. G. Justin Lynskey, K.C., and Mr. F. E. Pritchard appeared for Mrs. Youngson; Mr. D. P. Maxwell Fyfe, K.C., and Mr. Hartley Shawcross for Monsanto Chemicals, Ltd.; and Mr. F. A. Sellers, K.C., and Mr. H. I. Nelson for Audley's. Alleging that the death of her husband on August 17 last was caused by the negligence of the Monsanto Co. or their servants or agents, Mrs. Youngson said her husband was a representative employed by the Audley Engineering Co., Ltd., earning £790 a year, and he visited the Monsanto Company's works at their invitation to inspect certain stopcocks of his company's manufacture. One of these cocks had been installed by the Monsanto Company in a pipe leading from an autoclave containing compressed carbolic acid vapour. Her husband was about to inspect it when the plug came out and caused a cloud of vapour to escape and envelop him. Terribly burned, he attempted to escape from the cloud, but fell to the floor and sustained a fractured skull and other injuries. He died a few hours later. Mr. Lynskey said that during his seven years with Audley's Mr. Youngson had made rapid progress, and in five years his earnings had risen from £228 to £790 per annum. For the Monsanto Company, Mr. Maxwell Fyfe submitted that a defect in the plug supplied by Audley's to the extent of  $\frac{1}{10}$  in. caused the accident. Mr. Lynskey said the pressure must have come from somewhere; he submitted that it was in the pipe-line. If that was so, the tests could not have been properly made. Summing up, Mr. Justice Porter told the jury that in awarding damages they were legally bound to award only the actual amount of material loss. The jury assessed damages in favour of the widow for £3,750, and of the mother for £910, against the Monsanto Co. They also answered questions involving the third party. Judgment against Monsanto Chemicals, Ltd., in this amount in respect of the claim was awarded, and the Audley Engineering Co., Ltd., were also awarded third-party costs against Monsanto's.

## Gazette Bankruptcy Acts

RECEIVING ORDER AND ADJUDICATION  
WARD, H. B., 475 London Road, Sheffield, chemist.

## New Companies and Company News

P.C. means Private Company and R.O. Registered Office

**ABBOTTS DRUGGISTS, LTD. (P.C.).**—Capital £500. Objects: To carry on the business of dealers in drugs, chemists' sundries, etc. R.O.: 327 Edgware Road, W.2.

**C. R. HARKER, STAGG & MORGAN, LTD.**—Registered as a private company on January 18, 1937, under the style of "N.D.I. Ltd.," and renamed as above on February 6, 1937. The company was formed to carry on either wholesale or retail, the business of chemists, druggists and drysalters, etc. The authorised capital was originally £100, but it was increased on January 19, 1937, and is now £50,000 in 50,000 shares of £1 each. No allotments had been recorded on the file to February 24, 1937. A mortgage, charged on leasehold premises at 5-19 and 27 Emmott Street, and at 185 Skidmore Street, Mile End, land and workshops adjoining 18 Canal Road, factory, warehouse and wharf known as Devon Wharf, Emmott Street, and land adjoining on south side of Bridge Street, and west side of Regent's Canal, and warehouses and factories known as Bell Wharf, Bridge Street, Mile End, with goodwill, plant and machinery, and the company's general assets, was created on February 5, 1937, to secure all moneys due or to become due to the National Bank, Ltd.

**BORAX CONSOLIDATED, LTD.**—Net profit for year to September 30, 1936, was £384,526, an increase of £45,630. Deferred ordinary dividend is raised from 5 per cent. to 7½ per cent.; transfer to depreciation reserve from £50,000 to £60,000 and to tax reserve from £10,000 to £20,000. After again placing £5,000 to pensions, etc., fund, carry-forward is increased from £232,459 to £236,160.

## Voluntary Liquidation

**J. M. Fairbairn, Ltd.**, St. Peter's Street, Blackburn, wholesale chemists. The statutory meeting of creditors was held recently at the Exchange Station Hotel, Liverpool. Mr. J. M. Fairbairn, one of the directors, presided and reported that the shareholders had passed the usual resolution for the voluntary liquidation of the company with Mr. Parkin S. Booth, of the Association of Manufacturing Chemists, Liverpool, as liquidator. The statement of affairs showed ranking liabilities of £12,799 os. 4d. The assets totalled £8,576 13s. 1d., or a deficiency, so far as the creditors were concerned, of £4,222 6s. 6d. The fully secured creditors claimed £53 2s. 1d., and held securities valued at £125. The issued capital of the company was £3,950, all fully paid, and as regarded the shareholders there was a deficiency of £8,172 6s. 6d. The deficiency was attributed to the depreciation written off the assets in the statement of affairs, together with a debit balance on the profit and loss account in February 1936 of £2,456, and a loss on trading since that date of £1,302. The company was registered in February 1925, the nominal capital being £5,000. The business had been the wholesale distribution of drugs, patent medicines, etc., in surrounding Lancashire districts. There appeared to have been a fairly rapid growth of turnover, and to assist in financing that, sums totalling £3,500 were advanced between 1925 and 1929 at the rate of 4 per cent. per annum. That amount was still owing and was included in the unsecured liabilities. During the year to March 1935 the turnover was £30,568, with a gross profit of £3,884, and a net loss of £123. During the period to February 29, 1936, the turnover was increased to £34,044, the gross profit being £4,138, but there was a net loss of £126. It was estimated that since March of last year the turnover had been £31,540, but the gross profit was only £2,356, and there was a net loss of £1,302. The decrease in the gross profit during the last period of the trading was due to the writing down of the stock in order to make allowance for obsolete and unsaleable goods. Efforts had been made to obtain further capital for the company, but without success. There were over 300 unsecured creditors for goods supplied, etc., and the book debts represented something like 500 accounts. A resolution was passed confirming the voluntary liquidation of the company with Mr. Parkin S. Booth as liquidator. A committee was also appointed.

## Treatment of a Wart

**I**N the High Court, Dublin, on February 22 and following days, before Mr. Justice Maguire and a jury, an action was heard in which Miss Essie Murphy, domestic servant, South Richmond Street, sued Mr. P. Brady, Ph.C., Upper Camden Street, to recover damages for alleged breach of warranty and negligence in the sale of a wart paint to her. In the statement of claim it was averred that a verbal contract was entered into between the plaintiff and the defendant on October 7, 1936, when the plaintiff purchased a bottle of liquid for the purpose of removing a wart from the index finger of her right hand. It was an implied term of this alleged contract, the plaintiff submitted, that the defendant warranted that these goods were reasonably fit for the purpose for which they were required. The warranty, it was contended, was implied in the fact that it was in the course of the defendant's business to supply goods of this description; that the plaintiff made known to the defendant at or before the time of the sale the purpose for which the goods were required, and that the plaintiff relied on the defendant's skill and judgment to supply goods reasonably fit for the purpose. The statement further averred that the goods were not fit for the purpose; that the liquid contained in the bottle was a solution of glacial acetic and nitric acid, and that such liquid was too corrosive to apply to the skin of a human being, whether for the removal of warts or otherwise. The liquid, it was stated, did not remove the wart from the plaintiff's finger, but burned the finger and caused inflammation and ulceration. Alternatively it was submitted that the defendant, his servants, or agents were negligent in the sale or supplying of the goods, and failed to use due care and skill in the preparation of the liquid. It was also contended that the defendant failed to give the plaintiff sufficient instructions as to how the liquid should be applied.

The defence denied that the plaintiff purchased and that the defendant sold her any liquid or bottle as alleged. The defendant did not warrant that the goods were reasonably fit for the purposes mentioned. It was further denied that the plaintiff relied, or purported to rely, on the defendant's skill or judgment to supply goods for the purpose alleged. The defendant went on to deny that the goods were not reasonably fit for the purpose alleged, that the bottle contained a solution of glacial acetic and nitric acid, or that it was too corrosive to be applied to the skin of a human being. In conclusion, the defence denied that there was any condition of sale, express or implied, and further denied that either he or any of his servants or agents was guilty of negligence. The plaintiff, it was submitted, was guilty of contributory negligence. Mr. K. Dockrell, K.C., Mr. Kingsmill Moore, and Mr. W. P. Fay, B.L., were for the plaintiff; Mr. W. H. Carson, K.C., and Mr. J. P. Murnane, B.L., were for the defendant.

### CASE FOR THE PLAINTIFF

The plaintiff, examined by Mr. Kingsmill Moore, said she went to the defendant's shop on October 7 last and asked for something to remove a wart on her finger. She was given a liquid in a bottle and told to put it on in the evening. The bottle was a small dark green one, and had a white label with red printing on it. The word "Poison" was on the label, and Mr. Brady's name and address. The words "Wart Paint" were also on the label, but no instructions for use. She dabbed the liquid in the bottle on the wart the same night, using the cork in the bottle to apply it. The next day her finger was red and "getting flamed up." On the second night she again put on the liquid in the same way, and her finger became twice as bad as before. On the following Sunday she went to Mr. Brady's shop but found it closed. The following day she went to St. Vincent's Hospital, where Dr. Maher gave her a note to have the finger dressed. On October 24 her finger was lanced. It still got no better and she was brought into hospital on October 31; on the following day the two first joints of the finger were amputated. Since her finger became sore she was unable to do any work.

Cross-examined by Mr. Carson, the plaintiff admitted that she had stated to her solicitor that it was the defendant, Mr. Brady, who attended to her the day she bought the wart paint. She knew now it was his assistant, Mr. Daly, who sold her the liquid. Mr. Carson: Are you sure he did not give you any directions as to how to use the preparation?—No, sir. Would it be correct to say that he told you to put it on with the end

of a match, or a bit of stick?—No, he only told me to put it on in the evening time. I put it to you that he gave you those express directions, and that you took the easy way out of dabbing on the liquid with a cork?—No, sir. Don't you think you acted unfairly in not going to Mr. Brady's shop when this occurred and telling him about your finger? The plaintiff did not reply.

Dr. James Maher, senior house surgeon at St. Vincent's Hospital, stated that the plaintiff first came to the hospital on October 12. She had a black mark at the back of the finger like a burn, and he directed that a "vaseline strip" be put on the finger. On October 24 the burn had become dead tissue, with an abscess around it. He removed the dead tissue, which seemed to go down to the bone. To remove pus he had to lance the finger, and then ordered a hot dressing to be placed on it. Cross-examined by Mr. Carson, witness said he took a serious view of the plaintiff's finger the first time he saw it, although he did not direct her to be detained in hospital. He thought there was a possibility of her losing it. Mr. Carson: If she had her finger attended to immediately she found it was painful instead of allowing five days to elapse, it would not have been so serious?—I cannot say, because I cannot say how quickly the material would be absorbed. Did the black patch round the wart extend for some distance outside on to the skin?—It did. Did that not clearly indicate to you that this liquid was applied to a very much bigger surface than the wart itself? Not exactly. It could have leaked from the wart. Do you agree it would be very foolish for anybody to apply this kind of wart cure with a cork?—I suppose it would. Isn't it a common thing for chemists to sell wart cures in their establishments?—I am not sure. I have seen them advertised.

Dr. Thomas O'Connell, surgeon attached to St. Vincent's Hospital, gave evidence of amputating the plaintiff's finger joints. When he saw the finger first the skin around the inflamed area was yellowish in colour. He formed the opinion that the injury was caused by a chemical burn of some kind. At his request the plaintiff took him in the bottle containing the liquid. It was a 2-oz. six-sided bluish bottle with an ordinary cork. From smelling the contents he was of opinion it contained glacial acetic acid. Light brownish fumes came from the bottle, and when some of the contents dropped on the blotting paper on his table it turned the paper brown. He came to the conclusion that there was nitric acid in the liquid. Mr. Kingsmill Moore: Was it a suitable fluid to be given to a servant girl to apply to her flesh?—In my opinion, no. If I were using a similar preparation I would use extreme care, and just touch the top of warty growth. Would you have entrusted it to any lay person to put on?—I would not have let the liquid out of my hands. Personally I use a different method for removing warts. I consider any chemical applied to the skin for the removal of warts is dangerous. Are there other remedies supplied by chemists for removing warts safer than this one?—I am sure there are. A caustic pencil, for instance, would be safer. This was the most dangerous of all the wart preparations?—Yes, the most dangerous one could give short of setting fire to the thing. Cross-examined by Mr. Carson, the witness said if a person wanted to be sure of their finger they should go to a doctor with a wart. Mr. Carson: If I were a doctor I would say the same. So you don't approve of people going to chemists for warts?—I don't approve of chemists treating any diseases. Mr. Carson: There is no doubt wart cures are sold generally by chemists all over the country?—Yes. Don't you agree that a strong liquid must be used to remove warts?—If a chemical must be used I suggest salicylic acid. Further cross-examined, the witness said he did not agree that using glacial acetic acid with nitric acid would have the effect of toning down the effects. Mr. Carson: Then in your opinion every chemist in Dublin is doing something he should not be doing in selling these preparations?—Yes, in my opinion, except in the case of salicylic acid.

Nurse Annie Crowley stated she was on duty at the dispensary of St. Vincent's Hospital on October 17 last, when she noticed a small bottle on the table. It had a white label with the words "Brady, Chemist, Camden Street." On a sister's instructions she threw the bottle into the refuse pail.

(To be continued)

# Failures in the Dublin Examinations

From a Correspondent

**S**TATISTICS recently given to the Council of the Pharmaceutical Society of Ireland on the percentage of successes and failures by students of the Society's schools, and those of other schools, raise an issue which deserves the attention of students and intending students of pharmacy. It is clear from those figures that the percentage of failures among students from outside schools is abnormally high compared with the percentage among students who take out their classes at the Society's schools. The figures are both thought-provoking and surprising.

During the year 1935 there were 44.8 per cent. more failures among students of other schools in botany than among the students of the Society in this subject. In materia medica there is the same story; the failures of outside students were 30 per cent. greater than among Society students. In practical chemistry the failures of outside students compared with Society students were 37.5 per cent. higher. Only in theoretical chemistry are the two sets of students anywhere near level. In this subject the failures of the non-Society students were only 5.2 per cent. more than the others.

The figures for the October examinations in 1936 are still more remarkable. Here we find that while none of the Society students failed in botany, there were 50 per cent. of failures among the students who did their botany elsewhere. In materia medica the percentage of failures were: Non-Society students, 33 per cent.; Society students, no failures. In theoretical chemistry the Society students had the high failure percentage of 30 (which is abnormally heavy), while the non-Society students were deplorably bad with 62 per cent. failures. These figures seem to provide a strong argument for the case, consistently made by one member of the Council, in favour of providing a more comprehensive and lengthier theoretical

chemistry course in the Society's own schools. No less startling are the percentage contrasts in practical chemistry in this October examination. Some 43 per cent. of the outside students went down in this important subject, while the failures among those who did their course at the Mount Street School were only 9 per cent. In the January examinations of the present year the same inexplicable ratio is maintained. In botany the failures were: Society students, 31 per cent.; non-Society schools, 57 per cent. In materia medica the figures are: Society Schools, 12.5 per cent.; other schools, 28.5 per cent. Chemistry is especially striking. Here the failures were: Society Schools, 23.5 per cent.; non-Society schools, 66.6 per cent.

Without making any reflection whatever on the outside schools, the question naturally arises why there is such a heavy crop of failures among students from outside schools. The candidates who present themselves either from the Society's or the outside schools are very much of the same mental calibre. They both face their examinations under exactly the same conditions. The examiners in botany, materia medica and chemistry are external university professors who have no connexion with pharmacy and have no information (or indeed interest) in the schools attended by the candidates before them. The reason may be that the courses in the Society's schools are more highly specialised to meet the requirements of the examinations, and the profession of pharmacy as a whole, while the courses in the other schools are of a more general character. If this assumption be correct, it is economy in neither time nor money for students to take out their classes in schools not under pharmaceutical control. Obviously there is something wrong to account for such an extraordinary disparity in results between both sets of students. The matter is one which might well be inquired into in the interests of the students themselves.

## Items in Parliament

### PATENT OFFICE

The President of the Board of Trade was asked what was approximately the average time taken to get a patent through the Patent Office?

Mr. Runciman: The period varies considerably. . . . The average time taken at present between the date of first application and the granting of a patent is from fifteen to sixteen months.

Further questioned whether he did not think that this was rather undue delay, Mr. Runciman stated that any delay was not due to any imperfections in the Patent Office.

### ADULTERATION OF HONEY

The Minister of Health was asked whether he was aware that preparations of sugar or glucose with a small percentage of the product of the honey-bee were being sold under the designation of honey; and whether he would introduce legislation in order to give a legal definition of honey and to restrict the designation "honey" to the produce from plants and flowers as gathered, stored, and ripened by the honey-bee, which should not contain added sugar, glucose, or any other foreign substitute. The Minister of Health was further asked whether he would take steps to ensure that the word "honey" on labels, in advertisements, or in any other respect is confined to the natural product of the honey-bee, and that the label should not suggest pictorially that the contents were the unadulterated product of the honey-bee when this was not so?

Sir Kingsley Wood: Representations have been made to me with regard to preparations of the kind referred to, and a deputation from the British Bee-Keepers' Association has recently discussed the matter with my Department. I hope that it may be possible to introduce legislation relating to the composition and description of articles of food on the lines recommended by the Departmental Committee which has reported upon that subject, and which would include provisions dealing with the matter raised by my hon. friends.

### AIR RAID PRECAUTIONS

The Secretary of State for the Home Department was asked how far preparations for the storage of gas masks had progressed?

Mr. Geoffrey Lloyd (Under-Secretary): Two regional store depots for the storage of gas masks have been acquired, one at Manchester and one in the London district. These have between them a capacity of about 4,000,000 gas masks and facilities for their inspection and preservation. Eleven more regional store depots will be needed, and urgent steps are being taken to obtain them. It is hoped that suitable working arrangements will be devised which will include the use of local store depots, each with a capacity of 30,000 masks.

### IMPORTS OF MILK POWDERS

The President of the Board of Trade was asked to give the total quantities of unsweetened and sweetened milk powder imported into Great Britain and Northern Ireland during the twelve months ended to the last convenient date; and to state from which countries it was consigned?

Dr. Burgin: The following table shows the total quantity of unsweetened and sweetened milk powder imported into the United Kingdom during the year 1936, distinguishing the principal countries from which these imports were consigned:

	UNSWEETENED	Cwt.
From New Zealand	...	137,760
From Canada	...	23,122
From Australia	...	12,524
From other British countries	...	266
From Netherlands	...	67,307
From other foreign countries	...	1,030
Total	...	242,009
	SWEETENED	
From New Zealand	...	3,247
From other countries	...	17
Total	...	3,264

## Trade Notes

**BONUS OFFER.**—An Amami bonus offer to celebrate the introduction of an extra size liquid soapless shampoo was announced in last week's *C. & D.* advertisement pages. The offer remains open until April 1937. Supplies may be obtained from the usual wholesalers or direct from Prichard & Constance, Ltd., 11 Broad Street, London, W.C.2. In the advertisement selling points of the new shampoo were detailed.



**CORRECTION.**—Owing to a typographical error in our advertisement pages last week, the prices given for Dalzoflex elastic adhesive strapping manufactured by A. de St. Dalmas & Co., Ltd., Leicester, were erroneous. They should read:—Spools (1 yard by  $\frac{1}{2}$  in.) 6d. each retail (4s. doz. trade); spools (1 yard by 1 in.) 9d. each retail (6s. doz. trade), and not as stated.

**STAR BRUSHES AND BROOMS.**—The Star Brush Co., Ltd., Eden Grove, Holloway, London, N.7, direct attention to their household brushes, which, they state, constitute 50 per cent. of those used in this country.

**SKOL ADVERTISING.**—Skol Products, Ltd., Rochester Row, London, S.W.1, inaugurate an advertising campaign on the air from Radio Normandie and in the Press. Further details are given elsewhere in this issue.

**DIXOR BEAUTY PREPARATIONS.**—We are asked to announce that the large size of Iridium de Dixor is sold at 5s. 6d. retail and 39s. to the dozen, and not as stated in the advertisement of Dixor, Ltd., St. Leonard's Works, Mortlake, S.W.14. which appeared in our issue of February 20; also to announce that in addition to the small size Eau Dixor, there is a large size issued.

**NAPP PRODUCTS.**—H. R. Napp, Ltd., 3 and 4 Clement's Inn, London, W.C.2, direct attention on the front cover of this issue to Normacol, Vegemusin and Hepamult, which are described as British-made products actively advertised to the medical profession only. It may be noted that Vegemusin is now spelt as shown.

**MERRIMACS AFTER-DINNER SWEETS.**—J. W. Lightbown & Sons, Ltd., Accrington, have introduced an after-dinner sweet which contains a stomach powder made from the formula of Dr. Hugh MacLean. These products are made from cane sugar, peppermint, and Dr. MacLean's powder. Applications for samples are invited.

**FINE GRAIN DEVELOPER.**—A new showcard has been issued to promote the sales of Tabloid fine grain developer. It measures 7 in. by 10 in., and will be sent free on application. The showcard illustrates the possibilities in enlargement of miniature photographs when this particular developer is used. The illustration herewith includes a display of Tabloid photographic products together with the showcard.

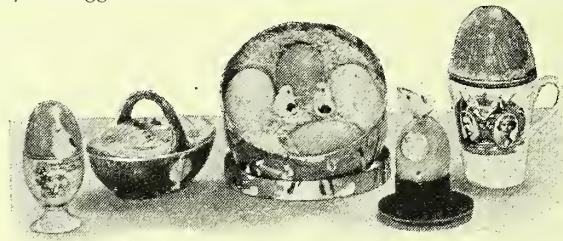


Messrs. May & Baker began the manufacture of anti-syphilitic preparations, their first product being Novarsenobillon.

**VITA GRAPE JUICE.**—Vita Products, Ltd., 39-45 Finsbury Square, London, E.C.2, are offering coupons to the public during March, of the face value of 9d., and chemists will be reimbursed in full for every coupon taken.

**FACTS ABOUT COSMETICS.**—Max Factor, Hollywood & London (Sales), Ltd., 16 Old Bond Street, London, W.1, are advertising in this issue their special make-up service. The name of Max Factor has been associated for many years with make-up in Hollywood film studios, and chemists are invited to fill in the coupon, which appears in our advertisement pages, for a representative to call.

**EASTER NOVELTIES.**—Vinolia, Ltd., Bebington, Cheshire, offer various soap eggs and novelties for the Easter trade, including egg and miniature chick in china nursery rhyme egg cup; two eggs and two miniature chicks in blue china basket;



four eggs and two chicks in gaily coloured drum; egg and chick in bakelite egg cup and saucer; and large "bath" egg in handled china coronation beaker. Full details of these and other novelties will be sent to any chemist on application.

## Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1937, p. 338.

(From "The Trade Marks Journal," February 3, 1937.)

- "SONOSHEEN"; "SONOLASTIC"; for all goods (1). By L. K. Sonneborn, 56 Paultons Square, London, S.W.3. 574,001/002. (Associated.)
- "MERTANOL"; for all goods (1). By Monsanto Chemicals, Ltd. Victoria Station House, London, S.W.1. 574,133.
- "CEMISINTHA"; for photographic chemicals, etc. (1). By Chromates, Ltd., 128 Oval Road, East Croydon. 574,225.
- "NURISAN"; for salts for horticultural purposes (2). By Welwyn Metal Products, Ltd., 82 Bridge Road East, Welwyn Garden City, Hertfordshire. 573,613.
- Design with word "SALVACID"; for medicated injection solutions and tablets for stomachic ailments (3). By Tres Gyogyszer-Vegyeseti Ipari Es Kereskedelmi Reszvenytarsasag, Budapest ut 205, Budapest XI, Hungary. 571,488.
- "THORAGEL"; for medicinal chemicals (3). By J. Hunter, 1253 Argyle Street, Sandyford, Glasgow, C.3. 573,034.
- "PETROID"; for medicinal chemicals for disease of mouth, teeth and gums (3). By De Trey Frères, S.A., Nürenbergstrasse, 19, Zürich, Switzerland. 573,064.
- "CHROMOLIN"; for medicated urinary antiseptic (3). B. W. R. Warner & Co., Ltd., 300 Gray's Inn Road, London, W.C.1. 574,254.
- "PHANTOMYST"; for surgical and curative atomisers and vaporisers (11). By Andre (Components), Ltd., 38 Felsham Road, London, S.W.15. 574,115.
- "CONSOLUXE"; "SANTALUXF"; for sanitary towels (11). By R. Bailey & Son, Ltd., Dysart Street, Great Moor, Stockport. 574,151/152. (Associated.)
- "STANCO"; for all goods (11). By S. Cox, Ltd., 11 Gerrard Street, London, W.1. 574,192.
- "BURNAX"; for unmedicated toilet paper (39). By Sir W. Burnett & Co. (Chemicals), Ltd., Great West Road, Isleworth, Middlesex. 574,021.
- "CREME LA-NE-TA"; for depilatory toilet cream (48). By Cosmetics, Ltd., Sentinel House, Southampton Row, London, W.C.1. 573,663.
- "RICILS"; for perfumery, etc. (48). By Cousin Frères & Cie, 258 Avenue Georges Clemenceau, Nanterre, France. 573,820.
- "CONFIDANTE"; for toilet cream (48). By M. Guy, Ltd., 8 Prince of Wales Lane, Birmingham. 574,163.

## Births

Notices for insertion in this column must be properly authenticated.

MILLER.—On January 28, the wife of Geoffrey T. Miller, M.P.S., George Town Pharmacy, Jersey, of a daughter.

## Marriages

MCADAM—CAMERON.—At St. Luke's Church, Milngavie, Glasgow, on February 10, George C. H. McAdam, B.Sc., Ph.C., to Annie H. Cameron.

MCCORMACK—FOLEY.—At the Pro-Cathedral, Marlborough Street, Dublin, on February 4, W. McCormack to the daughter of Mr. M. J. Foley, M.P.S.I., Parnell Street.

MACKAY—MACPHERSON.—At the Bath Hotel, Glasgow, on February 20, David R. MacKay (Armour & Co., Ltd.) to Janet S. MacPherson.

## Deaths

AUBREY.—Recently, Mr. Henry James Aubrey, retired chemist and druggist, Roseneath, Malvern Road, Worcester, aged seventy-two. Mr. Aubrey went to Worcester in 1901 and carried on business till his retirement in 1930. For thirteen years he was a member of the Worcester City Council.

AXE.—At 3 Allerton Drive, Liverpool, on January 30, Mr. William John Axe, M.P.S. Mr. Axe qualified in 1890.

BARRETT.—On January 24, Mr. Rees Barrett, chemist and druggist, Clevedon, Somerset. Mr. Barrett, who qualified in 1904, carried on business at Clevedon for thirty years.

CLEELAND.—In hospital at Birkenhead, on January 17, Mr. Henry Cleeland, M.P.S., Rock Ferry, aged seventy-two.

COLE.—Recently, Mr. William Henry Cole, chemist and druggist, 1 Well Hall Parade, London, S.E.9. Mr. Cole qualified in 1891.

COLLEY.—Recently, Mr. Alfred James Colley, chemist and druggist, 29 North Street, St. James, Bristol. Mr. Colley qualified in 1886.

COULSON.—At Addenbrooke's Hospital, Cambridge, on January 30, Mr. Horace Coulson, chemist and druggist, 44 Bridge Street, aged sixty-four. Mr. Coulson had carried on business at Cambridge since 1900. He leaves a widow, two sons and a daughter.

HEWITT.—At Sheffield, on February 16, Mr. Charles Herbert Hewitt, chemist and druggist, 66 and 68 Division Street, aged sixty-six. Mr. Hewitt represented the third generation of chemists in his family.

HINDLE.—At Wirksworth, on January 21, Mr. Robert George Hindle, retired chemist and druggist, aged seventy-six.

JONES.—Recently, Mr. Walter Herbert Jones, Ph.C., Aberdare, aged sixty-six.

KELLY.—Recently, Mr. Frank Carrick Kelly, chemist and druggist, Orrell, Bootle. Mr. Kelly qualified in 1932.

MANSELL.—Recently, Mr. Thomas Caleb Mansell, chemist and druggist, Hirst Wickham, Sussex. Mr. Mansell qualified in 1903.

SKINNER.—At North Tawton, Devon, recently, Mr. William Skinner, retired chemist and druggist. Mr. Skinner, who qualified in 1897, succeeded his father in business at North Tawton, retiring two years ago. He served on the Parish Council and other local bodies.

SUNDERLAND.—Recently, Mr. Hubert Ellis Sunderland, chemist and druggist, Dartmouth Park Road, London, N.W.5, aged forty-two.

WILSON.—On February 8, Mr. Wilfred Wilson, chemist and druggist, 342 Rochdale Road, Manchester, aged forty.

## Personalities

MR. J. HAYHURST, M.P.S., Nelson, has been appointed president of the local chamber of trade.

MISS LILY STEVENSON, daughter of Mr. L. Stevenson, M.P.S., Coventry, has been admitted a freeman of the city.

BRO. J. R. R. HAMPSON, Ph.C., Leigh, has been installed Worshipful Master of Leigh Masonic Lodge, No. 4744.

MR. CHARLES WESTON and MRS. WESTON, Derby, celebrated their golden wedding on February 16. Mr. Weston founded the business of Weston & Co., Ltd., St. Peter's Street, in which his son, Mr. Cyril Weston, M.P.S., holds the position of managing director.

MR. J. F. SIMON, Ph.C. (Goodall, Backhouse & Co., Ltd.), Leeds, who has returned to business after his illness, asks us to extend his grateful thanks to the many friends who have written to him, and to apologise for the fact that he has been unable to reply to them. Mrs. Simon is making slow but steady progress towards recovery from her serious operation.

## Business Changes

THE address of the Anzora Perfumery Co., Ltd., is now Aintree Road, Greenford, Middlesex.

WILLIAM R. WARNER & CO., LTD., and RICHARD HUDNUT, Ltd., moved on February 22 to Power Road, Chiswick, London, W.4. Telephone number: Chiswick 4191-7.

DEWSBURY PIONEER INDUSTRIAL SOCIETY, LTD., have taken over the business of Mr. S. Armitage, chemist and druggist, at 2 Upper Road, Batley Carr, Yorks. Mr. Armitage will remain as manager.

MR. J. R. HEYWOOD, Ph.C., will carry on the business of Bell & Co., 97 High Street, Southend-on-Sea, after dissolution of the partnership between him and his father, Mr. J. H. Heywood, Ph.C., on the latter's retirement on March 1.

## Coming Events

### Monday, March 1

*Society of Chemical Industry*, Burlington House, Piccadilly, London, W.1, at 8 p.m. Professor F. Paneth on "Natural and Artificial Radio-Elements and Their Practical Applications in Chemical and Biological Research."

*Royal Society of Arts*, John Street, Adelphi, London, W.C.2, at 8 p.m. Mr. F. Ian G. Rawlins, M.Sc. (Scientific Adviser to Trustees, National Gallery), on "The Physics and Chemistry of Paintings."

### Tuesday, March 2

*Pharmaceutical Society, Birmingham and District Branch*, Imperial Hotel, Temple Street, Birmingham, at 8.30 p.m. Dr. W. Smith, B.Sc., M.P.S., barrister-at-law, on "Blood Groups and their Relation to Law and Health."

*Wimbledon and District Pharmacists' Association*, Town Hall, Wimbledon, S.W.19, at 8.30 p.m. Mr. J. E. Saunders, F.Z.S., on "Snapshotters' Blunders and the Way to Cure Them."

### Wednesday, March 3

*Pharmaceutical Society, Bedfordshire Branch*, Bridge Hotel, Bedford, at 7.30 p.m. Dinner and dance. Tickets, 7s. 6d. each. Guest: Mr. Thomas Marus.

*Pharmaceutical Society, Tees-Side Branch*, Cleveland Scientific Institute, Corporation Road, Middlesbrough, at 7.15 p.m. Branch business meeting at 8.15 p.m. Mr. Penman, Ph.C., on "Poisons Law as it Affects the Retailer." Illustrated.

*Pharmaceutical Society, Manchester, Salford and District Branch*, Burlington Restaurant, Oxford Road, Manchester, at 3 p.m. Meeting of ladies to discuss formation of proposed ladies' committee.

### Thursday, March 4

*Manchester Pharmaceutical Association*, Victoria Hotel, Deansgate, at 8.30 p.m. Mr. H. Haworth (superintendent, Prescription Pricing Bureau) on "The Testing Scheme for N.H.I. Dispensing."

*North London Pharmaceutical Association*, Manor House Hotel, Finsbury Park, N.4. Dance.

### Friday, March 5

*South-West London Chemists' Association and Branch*, Balham Club, Ltd., Ramsden Road, S.W.12, at 8.45 p.m. Mr. A. R. Melhuish on "The Business of a Chemist and the N.P.U."

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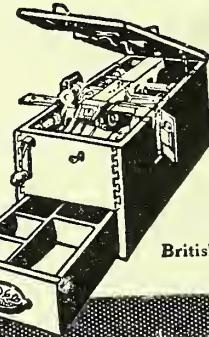
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**Information Department**

**INFORMATION WANTED**

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

S/23. Aseptikol	A/24. Mikah ointment
P/16. Good Health grape juice	L/23. Muscadine lavender water
B/23. Kestika for dogs	B/23. R.U.R. for rheumatism

THE  
**CHEMIST AND DRUGGIST**

VOL. CXXVI.

February 27, 1937

NO. 2977

### A Singular Oration

THE vice-president of the Pharmaceutical Society, Mr. E. H. Simmons, is to be congratulated on his fortitude in addressing a Glasgow audience on the subject of "The Service We Render" (*C. & D.*, February 20, p. 214). It may at first have been thought that the title of Mr. Simmons's paper referred to the services rendered to chemists, but after a careful perusal of the reported speech it would appear that the reference to the service rendered was concerned with service to the public and to Government authorities. The fact is usually accepted that Glasgow is not an easy city in which to discuss controversial matters; but apparently Mr. Simmons was successful in so far as there were few dissentients from his views. It would, however, be unfair to chemists throughout the country if Mr. Simmons's comments were allowed to pass without comment, that is to say, if his remarks related to the services rendered to pharmacy. In regard to the School of Pharmacy, for example, Mr. Simmons is reported to have said that in the early days of the Society "those who set this School up were not deterred by the thought that it might not pay." The obvious question is whether or not the chemist in business should have to provide funds to carry on such an adventure on the part of the Society in these days at a loss. It is noteworthy that Dr. Todd made some trenchant remarks in regard to the running of a school, and so far as we are aware, Mr. Simmons's reply was hardly sufficient to convince even the least sceptical person that the School, or College, of Pharmacy should continue to be run at a loss to the trade in general. The total sum lost annually to the Pharmaceutical Society is not inconsiderable, but at this stage we do not wish to go into the question of finance. The point to be noted is that the School of Pharmacy, which according to Mr. Simmons has produced some of the most brilliant pharmacists (and incidentally some pharmacists who have left the trade), has contributed to the total sum of scientific knowledge and is a model for schools elsewhere.

It is somewhat surprising to find that anyone should wish to credit a pharmaceutical organisation with the position of the dispensing chemist to-day in regard to the National Health Insurance Act in 1912. According to Mr. Simmons, a Royal Commission declined to recommend that other persons should be allowed to dispense. In view of the fact that the arrangement between the official representatives of pharmacists and the Ministry of Health is to say the least one of the most grotesque in the history of commerce in this country, it is doubtful whether any other body of traders would ever have agreed to the terms to which succeeding pharmaceutical representatives have agreed. We refer especially to the discounting of chemists' accounts. The chemist who accepts a contract under the National Health Insurance scheme is an unwilling gambler in regard to payment for services rendered. Mr. Simmons is correct in his statement that the chemists perform a service in connexion with National Health Insurance; but if the Pharmaceutical Society claims that it achieved recognition for the dispensing chemist in agreeing to this astonishing method of payment,

then it is perhaps best left to the chemist himself to decide whether this is, indeed, a service rendered to pharmacy or to the Government and the public.

According to the report, Mr. Simmons made no reference to other services rendered, but of course since the services concerned were actually surcharges on pharmacy, this omission may have been well understood. For instance, in safeguarding the interests of chemists, the Society's staff of inspectors was stated formerly to have cost between £2,000 and £3,000 per year more than the sums received in penalties. He did not, however, refer to the considerable cost which inspection under the 1933 Act entailed; if we put the figure at £10,000 a year, it is probable that this sum is not an excessive one, even when due allowance is made for the penalties. This is, of course, a service rendered to the Government, and the chemist in business is presumably pleased to be a contributor. An interesting point arises in the discussion, when Mr. Simmons is reported to have said that the sale of lysol had been lost to pharmacy before the 1933 Act. If this is so, the much-belauded deputation to the Home Office in protest regarding the Home Secretary's decision may or may not have been window dressing. One speaker is reported to have said that people sometimes ask what the Society was doing: now they knew!

### Scarcity of Colocynth

RECENT developments in the market handling colocynth are typical of the trend of a range of products in the crude drugs market. For some years the supply was in excess of the demand, which had continued to be disappointing. Last year, owing, possibly, to the poor prices previously ruling, the Sudan crop was unusually small. There was, however, a notable improvement in demand, and, in consequence, shipment prices steadily advanced and finally touched 2s. 2d. to 2s. 3d. per lb. c.i.f. The source then reported stocks all cleared with no carry-over for this year's crop. Despite these healthy conditions, some shippers began to offer the new crop at attractive prices, with quotations in December at 1s. 6d. to 1s. 7d. c.i.f. for January shipment. At these prices there were ready buyers, and a fairly considerable business was reported. Since that time shipment prices have gradually improved, and the source now reports practically all available stocks sold. To-day, only June-July shipment is quoted with the price at 1s. 11d. per lb. c.i.f. It is understood that declarations of shipment of the goods sold at the end of last year for January shipment have not yet been received, and the buyers are becoming a little anxious as to the position. The source reports a late season, owing to adverse climatic conditions, while opinion has been expressed here that the primary market may have over-sold. In the meantime, the spot market is completely bare of supplies, and it is evident that high prices will continue for some time ahead. It is interesting to note in connexion with this product that, in recent years, the whole apples have become practically unsaleable on this market, the demand being solely for the pulp.

### Concerning Price Lists

As was recently reported in THE CHEMIST AND DRUGGIST, "The Chemists' Trade Record," which comprises the "Anti-Cutting Record," the price list and the N.P.U. Supplement, ceases to exist after the February issue. We should not have referred again

to the demise of the publication introduced in 1895 by Mr. (later Sir) William Glyn-Jones, except that we cannot allow to pass unchallenged a statement which appears in the N.P.U. Supplement regarding price lists. According to the Supplement the only list some fifteen years ago was the "B. & C.P. List." This is not in accordance with facts: at that date the London Chemists' Price List was five years old and Philip's Price List was at least two years older. In the *C. & D.*, January 7, 1922, p. 16, we referred to the introduction of the first *C. & D.* Retail Price List, concerning which an announcement was made in November 1921. In the leading article of that issue we made no claim to be original in the publication of a price list for the retail trade, but, as we then pointed out, the novelty lay in the publication of a retail price list by THE CHEMIST AND DRUGGIST, which is recognised, not only in this country but all over the world, as the chief authority on first costs of drugs and chemicals. The *C. & D.* Retail Price List is, we can confidently state, the most complete price list which has ever been issued to the trade in regard to the selling prices

of drugs. Further, it is based on a definite costing system. We have reason to believe that the *C. & D.* Retail Price List is followed throughout the country to a degree which would probably astonish some of its critics. We do not pretend to understand the method of fixing prices which is adopted for other lists, but we do know that the *C. & D.* Retail Price List is founded on an accountancy basis. It may be that chemists who can buy certain products at advantageous rates can cut prices. This, however, is not the concern of those who compile the list, which must be rigid in its application if a profitable trading basis is to be maintained. There has been no deviation in the method of procedure followed in regard to the *C. & D.* Retail Price List since its inception. Monthly changes are recorded in the columns of this newspaper, and the list appears regularly four times a year. It is perhaps unfortunate that the trade is presented with lists from different sources, but from our experience of over fifteen years we are confident that the *C. & D.* Retail Price List is appreciated and used by no inconsiderable percentage of the pharmaceutical community.

## Pharmaceutical Society of Northern Ireland

### Council Meeting

THE monthly meeting of the Council was held at 73 University Street, Belfast, on February 19, the president (Mr. Samuel Gibson) in the chair. The other members present were Messrs. S. H. Forrest (vice-president), J. E. Connor, S. S. Badger, William Martin, W. C. Tate, J. McGregor, James Glendinning, J. W. Gray, H. F. Moore, C. Abernethy, James McDowell, I. W. Parker, J. Trevor Nicholl, Professor James Small and Dr. Acheson. Mr. D. L. Kirkpatrick (secretary) was in attendance.

#### CORRESPONDENCE

A letter was received from the representatives of the late Mr. William Orr, R.D., Thomas Street, Armagh, asking permission to carry on the business for a further three years. On the motion of MR. GRAY, seconded by MR. FORREST, it was decided to grant permission.

Letters of greeting were received from the Pharmaceutical Society of Western Australia, the Pharmaceutical Society and the Pharmaceutical Board of New South Wales.

A letter was received from the Royal Victoria Hospital, Belfast, asking for support for the Coronation extension appeal. A notice of motion, signed by Mr. Badger and Mr. McGregor, that a donation of £21 be made was handed in.

The secretary of the Ulster Chemists' Association forwarded a letter and a bottle sent to him by a correspondent, who wrote, "that in all the years since the Pharmaceutical Society was established he could not recall a case taken by them through the Government against illegal sales of poison." The bottle he sent was labelled "Tincture of Lobelia," which, it was alleged, was sold by a herbalist.

THE SECRETARY said it was not a fact that there had been no prosecutions, and quoted six cases in which there had been convictions. Under the British Act tincture of lobelia was not a poison, and when he had the matter before the Inspector in Northern Ireland he expressed doubts as to whether a conviction could be got.

A discussion took place on whether tincture of lobelia is a poison under the Northern Ireland Act, and it was decided that the bottle and the papers be sent to the Home Office.

#### LAW COMMITTEE

The report of the Law Committee was adopted on the motion of MR. CONNOR, seconded by MR. BADGER. The report contained the following:—

"A letter under date December 29, 1936, from the Ministry of Home Affairs regarding corporate bodies was considered, and it was resolved that in view of the attitude taken up by the Ministry any further action by the Committee would be futile. It was agreed that for the present no action be taken in regard to having gland substances, serums and vaccines added to the Poisons Schedule. The secretary was instructed to investigate all cases reported to him where apprentices were put into unlicensed branch shops and to inform the apprentices and employer that the apprenticeship in such shops would not be recognised by the Council."

#### EDUCATION COMMITTEE

The report of the Education Committee of January 29 stated:—It was agreed that the written portion of the summer examinations be held on June 1 and 2 and that the practical portion be held on June 9, 10 and 11 in the College of Technology, Belfast. It was also agreed that the Certificate of Apprentice to a Pharmaceutical Chemist be granted to Bernard Joseph Devlin, Ballyweedy, Muckamore, and Francis Joseph Sweeney, Glendoan, Dromalane Road, Newry, who had submitted Senior certificates from the Ministry of Education, Northern Ireland. The adoption of the report was moved by MR. CONNOR, seconded by MR. MARTIN, and agreed to.

#### FINANCE COMMITTEE

The report of the Finance Committee of January 29 was as follows:—

"The question of giving THE CHEMIST AND DRUGGIST free to all members in good standing who requested same when forwarding their membership subscription or of giving a rebate of 10s. 6d. to all licensed traders was considered. The Committee resolved that in view of the uncertainty of expenditure in the future this matter should be held over for the present. The question of selling Belfast Corporation 5 per cent. stock was considered, and it was resolved not to do so until a more suitable time arises for reinvestment."

MR. McGREGOR said that at the last meeting of the Ulster Chemists' Association an informal discussion took place on the question of providing THE CHEMIST AND DRUGGIST, and it was agreed with one exception that this should be done. That was the mind of the trade in the matter. He proposed an amendment that reference to the question be omitted from the report of the Finance Committee. MR. McDOWELL seconded.

MR. TATE said the Society had spent a lot of money on the new laboratories, and he would not be in favour of the spending of a lot of money this year.

Mr. McGregor's amendment was carried by nine votes to three.

MR. McGREGOR then moved the original motion to provide THE CHEMIST AND DRUGGIST from September 1, 1937. This motion was carried by nine votes to four.

On the motion of MR. CONNOR, it was decided that the same arrangements as last year be made in connexion with the delegates and expenses for the British Pharmaceutical Conference.

#### STUDENTS OF THE SOCIETY ELECTED

The following candidates were elected students of the Society:—James Crilly, Gretaville, Stockman's Lane, Belfast; John James Knox, 8 Rutland Street, Belfast; Michael Patrick Lee, 19 St. James' Park, Belfast; George Mercer, 8 Hawthornden Road, Belfast.

# Coronation

# DISPLAY

[Heading set in WINDSOR type]

**I**N a degree not reached by any previous Coronation, the crowning of King George VI will be an event of world-wide importance. Special articles and reports—special editions and issues even—will appear in the Press of this country, and in many places elsewhere. Wireless programmes will broadcast the ceremony to the Empire and to all the world. There will be an immense influx of provincial visitors to the Capital, and reports already indicate that hotel bookings from Dominion, colonial and foreign visitors are heavy. Apart from Royal visits to Scotland and Wales, London monopolises the State pageantry.

Pharmacists in the metropolitan area may be assisted by precise information as to the route of the coronation procession. On the outward journey the procession passes along the Mall, through the Admiralty Arch, past Charing Cross, along Whitehall and Parliament Street to Westminster Abbey. The return journey will be much longer, via Victoria Embankment, Northumberland Avenue, Cockspur Street, Pall Mall, St. James's Street, Piccadilly, Regent Street, Oxford Street, Marble Arch, Hyde Park, Constitution Hill, to Buckingham Palace.

In the provinces lesser civic functions will echo the national events, while the graphic accounts in the Press, on the screen, and in letters from friends and relations at the centre of things will be followed with no less enthusiasm than in London.

In deciding what display matter to use it is generally safe to assume that reputable suppliers offer material which both satisfies Home Office requirements and is in accordance with accepted canons of good taste. It may be said that the use of certain emblems contravenes established property rights and as such is liable to prosecution. An example is the display of the Royal arms, which may not be used in commerce except by holders of the Royal Warrant, and then only when accompanied by the words "By Appointment." The Imperial cipher (G I R monogram) is not to be used in any circumstances, except by express permission. The same applies to the Imperial crown and, in all strictness, to the Royal standard. Many rights are relaxed at Coronation times, and probably no notice would be taken of the use of certain other emblems ordinarily restricted. There are few formulated regu-

lations, because in cases of doubt the Home Secretary likes to consider each design on its merits, but ordinarily this procedure is unlikely to become necessary to retail traders. Specific authorisations have been given for the use of conventional designs incorporating the red and white roses, thistle, shamrock and combinations of these; harp; and red dragon. General permission is given for the use of

portraits of their Majesties; the crown; the Royal cipher (GR VI monogram); crown and cipher; crown and rose; and similar devices, provided they are not linked in any way with merchandise. The coronation colours, officially adopted, are

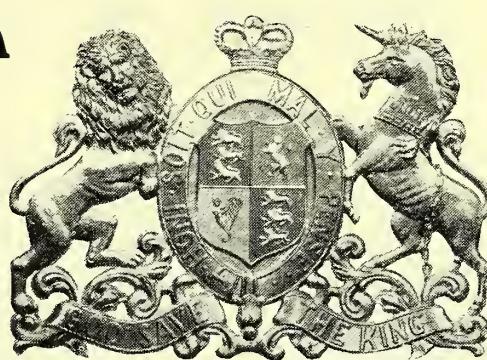


Fig. 1

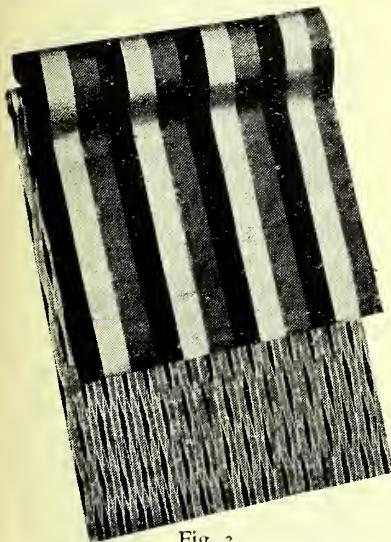


Fig. 2

display matter to use it is generally safe to assume that reputable suppliers offer material which both satisfies Home Office requirements and is in accordance with accepted canons of good taste. It may be said that the use of certain emblems contravenes established property rights and as such is liable to prosecution. An example is the display of the Royal arms, which may not be used in commerce except by holders of the Royal Warrant, and then only when accompanied by the words "By Appointment." The Imperial cipher (G I R monogram) is not to be used in any circumstances, except by express permission. The same applies to the Imperial crown and, in all strictness, to the Royal standard. Many rights are relaxed at Coronation times, and probably no notice would be taken of the use of certain other emblems ordinarily restricted. There are few formulated regu-

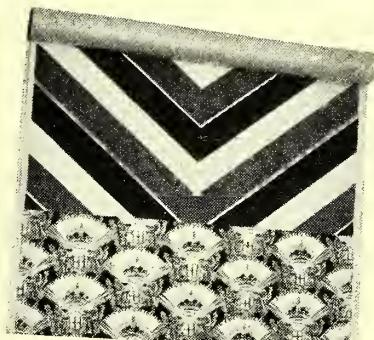


Fig. 5

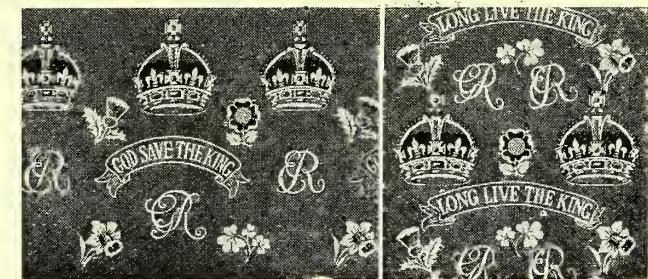


Fig. 3

peony red and true blue, the names being those of shades identified in the colour standards of the British Colour Council. The shades blend well with each other and are by no means the crude combination red and blue can quite easily become when arbitrarily associated. For fashion purposes, other coronation colours and brighter shades of red and blue are recognised, but no account need be taken of these in display work. On advertising matter, such as folders, booklets and handbills, many emblems allowed in window displays and as street decorations are not permitted. Among these are the Royal crown and the Royal cipher; and the rose, thistle and shamrock in various groupings. While it is not permitted to depict in advertising matter either of the crowns to be used in the coronation ceremony, those of earlier monarchs may be illustrated. There are many to choose from, about which further information can be found in the "Encyclopaedia Britannica." It is probable that for street decorations, as distinct from window display matter, permission will be given to display the Royal standard and Royal arms. Even for window shows, a modified form of the Royal arms, omitting the Royal motto, is available.

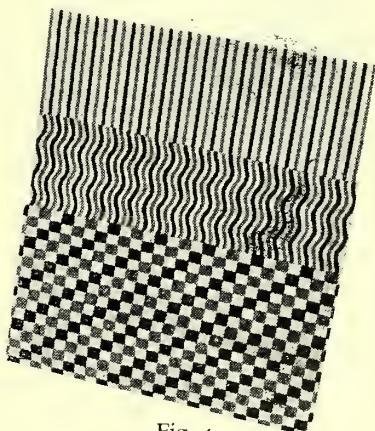
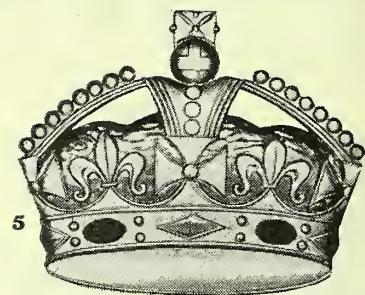
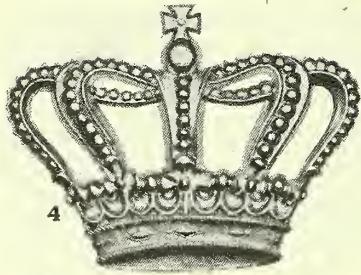
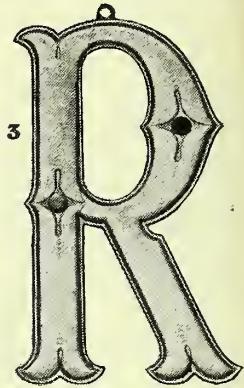
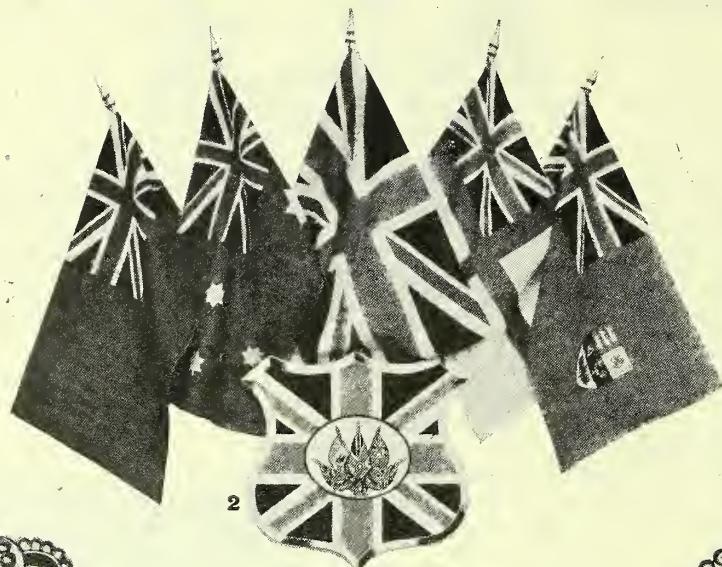
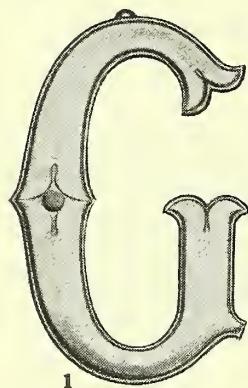


Fig. 4

## Coronation Display Aids

Coming now to actual examples of manufactured show material available, illustrations accompany this article of display papers, cut-outs, floral decorations, flags and the like from a

# ■ CORONATION EMBLEMS and DECORATIONS ■



**On This Page**

- 1 and 3. Embossed gilt initials G R (*S. Maw, Son & Sons, Ltd.*)
2. Set of Empire flags and shield (*Dudley & Co., Ltd.*)
4. Embossed gilt crown (*J. C. King, Ltd.*)
5. Embossed gilt crown (*Maw*)
6. Portrait of the King and Queen (*Maw*)
7. Portrait of the King (*Dudley*)
8. Royal cipher medallion (*Dudley*)
9. Repeating-pattern display paper (*King*)
10. Flowers and foliage in red, white and blue (*Dudley*)



number of suppliers. Most of the material sent in by J. C. KING, LTD., 42 Goswell Road, London, E.C.1, has been incorporated in a window display setting which is illustrated on p. 257 where descriptive details are to be found. Display papers not shown there include a red, white and blue chevron design and an all-over crown and Royal arms pattern, also in red, white and blue (Fig. 5). Three crêpe papers by the same suppliers—straight stripe, wavy stripe and chequerboard—are illustrated (Fig. 4), while a white display paper with repeating coronation pattern is shown as No. 9 on p. 254. S. MAW, SON & SONS, LTD., 7 Aldersgate Street, London, E.C.1, have brought out a special range of coronation show material which includes an embossed cut-out of a modified Royal arms in gilt (Fig. 1). The size of the example shown is approximately 27 in. wide by 18 in. deep. Also from Messrs. Maw come two metallic display papers (Fig. 2), one of them composed of broad stripes of red, silver and blue and the other of an all-over pattern of red, white, blue and silver; an embossed crown in brilliant gilt, with red and blue setting (5 on p. 254); embossed gilt and coloured initials GR, 12 in. high, eyeletted for hanging (1 and 3 on p. 254); and a transparent-covered bordered portrait of their Majesties, 14 in. deep by 11½ in., to hang or stand, in sepia (6 on p. 254). A pelmet by WRIGHT DISPLAY SPECIALISTS, 2 Whitehorse Buildings, 100 High Holborn, London, W.C.1, is shown (Fig. 3). This bears a repeating pattern in silver and blue on red ground, and is supplied in

pieces 12 yds. long by 20 in. wide. The same pattern is also made to repeat in a perpendicular sense upon a roll of the same size, suitable for backgrounds. Messrs. Wright offer display units of glass shelves and chromium angles and bases, bearing on one glass upright or crosspiece a crown or coat-of-arms transfer in full colour. These are illustrated, with other display aids, in a special coronation price list. From DUDLEY & CO., LTD., 451 Holloway Road, London, N.7, the items illustrated are included among those shown on p. 254. The union-jack shield of stout card (2) is fitted to accommodate five patriotic flags of printed cotton. A cut-out poster-size portrait of the King on paper (7) is handsomely carried out in sepia, and is suitable for mounting on the background of a window, on glass, or on card. A stiff board medallion by the same makers (8) is finished in gilt on a metallic blue background, to hang; the diameter of this piece is 19 in. Coronation carnations and chestnut foliage (10) are representative of many varieties offered.

In every instance the examples illustrated are only typical of much wider selections by each supplier. They serve to show, not only the great variety of material available, but also its workmanlike finish and competent design. The strength and sound construction of the various display pieces examined show clearly that British manufacturers can surpass all foreign competitors in this field, a moral which should be remembered when the need returns for less topical display aids.

## Lighting Devices and Decorations

**B**Y contrast to the traditional character of the coronation ceremony, the illuminations will be of a kind and on a scale never before possible. Floodlighting, for example, was unknown in 1911. On this occasion, not only will many public buildings be floodlighted, but the method will be adopted by private traders. For this purpose, certain makers have introduced inexpensive outfits for temporary installation. Amongst them may be mentioned the Landon (No. 5, on p. 256), made by SIEMENS ELECTRIC LAMPS AND SUPPLIES, LTD., 38 Upper-Thames Street, London, E.C.4. This fitment has a square front and works at a wide angle for intensive lighting; it takes a 300 to 500 watt lamp; the price is quite reasonable. The Siemens catalogue gives details of some score of other models. FALK, STADELMANN & CO., LTD., 83 Farrington Road, London, E.C.1, list a similar variety of floodlighting sets for various purposes, of which we illustrate the Malvern model (No. 8, on p. 256). This is suitable for lamps up to 200 watts, and gives a beam angle of 40° with chromium-plated reflector, or 90° with vitreous enamelled reflector. The narrower angle gives a more concentrated illumination, and is therefore more suitable for use where accuracy of focus is necessary. The GENERAL ELECTRIC CO., LTD., Magnet House, Kingsway, London, W.C.2, offer an equally comprehensive range of projectors and attention is called to the floodlighted pharmacy illustrated on page 258.

### Illuminated Display Pieces

The number of illuminated display pieces available is so large that only a few representative examples can be selected for mention. The illustration on this page is of a wooden crown, with decorations superimposed, by Siemens. The piece is made in four sizes from 2 ft. to 6 ft. wide.

A composite decoration which can also be supplied as a non-illuminated scheme is the group of Royal cipher, lion's head panels and connecting garlands (No. 1, on p. 256), by FRANCO-BRITISH ELECTRICAL CO., LTD., 25 Oxford Street, London, W.1. The shield bears the initials in relief and outlined with coloured lamps; the panels are similarly treated;

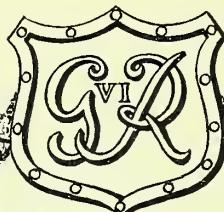
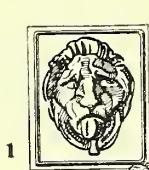


Illuminated crown in wood

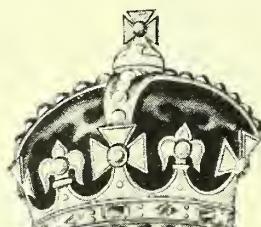
the garlands are of waterproof paper, intertwined with lamps. Small neon signs in original shapes make display pieces most characteristic of coronation year, 1937. An example of many by Franco Signs is the fourteen-inch Royal head, mounted on pedestal base (No. 6, on next page), a self-contained unit ready for connexion to any A.C. supply from 200 to 250 volts, 50 cycles. Another unit suitable for inclusion in a window display is the box with luminous panel written G R and *papier mâché* crown (No. 2, on p. 256) by General Electric Co. This takes one 75-watt pearl lamp and has a depth of 11 in. The golden G vi R monogram in *papier mâché* (No. 3), illuminated in red, white and blue lamps, is by the same makers. A window sign economical of current is an illuminated Royal portrait panel in gold cellulosed metal case to take a single 40-watt lamp issued by Falk, Stadelmann & Co. For those on main streets with domes

windows above the shop level the illuminated window-box taking two 40-watt lamps (No. 7, on p. 256), by Siemens, may commend itself. The box is in metal, finished in gilt, with stencilled lettering. For illuminating flags the ledge box, 18 in. by 9 in. (No. 4), by Falk, Stadelmann, is useful. It takes two 100-watt lamps in bright metal reflector, glass covered, and carries sockets for the flags. Attention may usefully be drawn to other devices not illustrated. Sets consisting of twelve lamps alternating red, white and blue, fitted to flex and having bayonet cap adaptor already fitted, and of twelve red white and blue shades, suitable for use with the lamps, are issued by the General Electric Co. Initials, crowns and stars modelled in wood, wired and fitted with holders and coloured lamps in polished metal star-shaped reflectors, are obtainable from Franco Signs and from Siemens. A novelty suggested by Siemens consists of a vase of artificial flowers and foliage, the stems of which are made to hold a dozen miniature illuminated lamps in colours, giving the effect of a posy of luminous flowers.

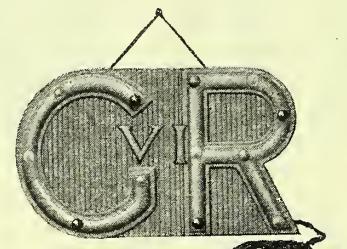
**SILVER JUBILEE ISSUE.**—We have received a copy of the silver jubilee number of "The Samachdr," published in connexion with the silver jubilee of the Sultan of Zanzibar. An account of the clove industry appears on pp. 74-75.



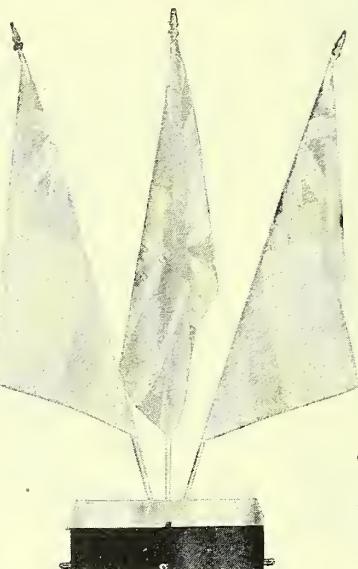
## CORONATION ILLUMINATIONS



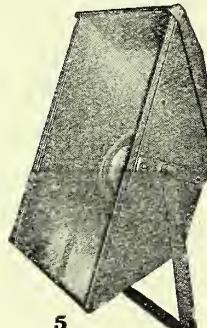
1. Composite illuminated display piece (Franco-British Electrical Co., Ltd.)
2. Royal cipher and crown (General Electric Co., Ltd.)
3. Illuminated initials (General Electric Co.)
4. Ledge box for illuminating flags (Falk, Stadelmann & Co., Ltd.)
5. Fitment for intensive floodlighting (Siemens Electric Lamps and Supplies, Ltd.)



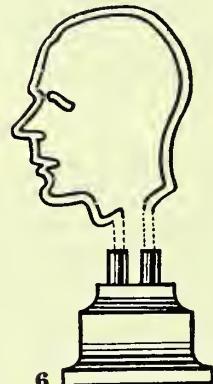
3



4

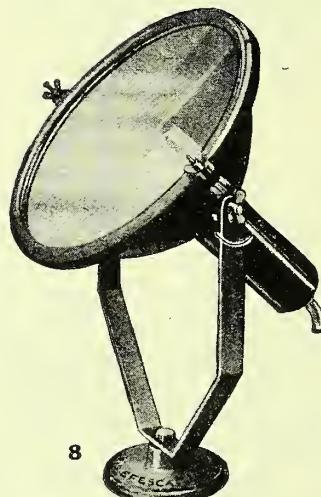


5



6

6. Royal head outlined in neon tubing (Franco)
7. Illuminated window box (Siemens)
8. Floodlighting reflector (Falk, Stadelmann)



8



7

Window Display  
Background by  
J. C. King, Ltd.

**Valance**

**Sidepieces**

**Display papers**

**Crêpe papers**

**Medallion**

**Flags**

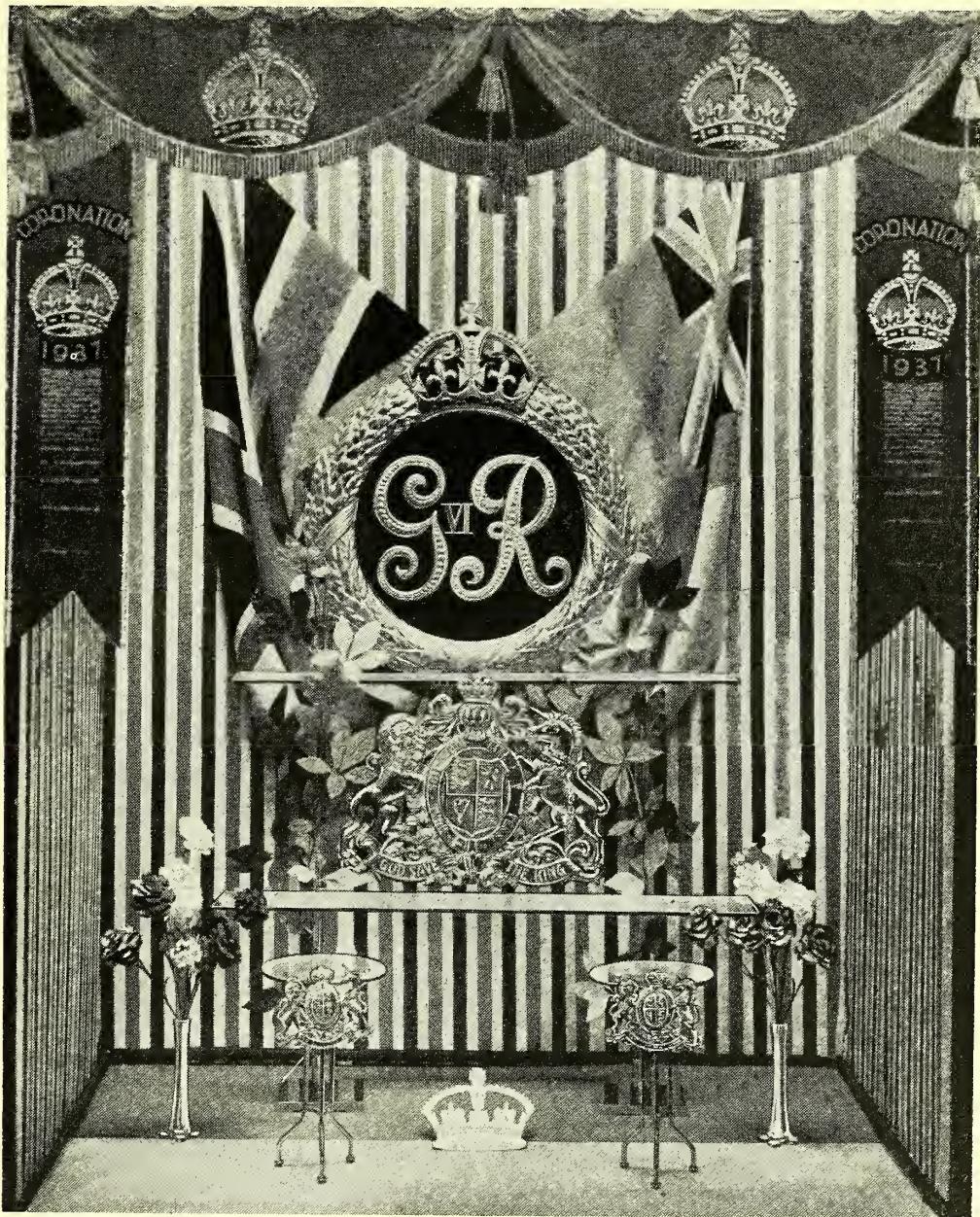
**Royal Arms**

**Crown**

**Flowers**

**Foliage**

**Stands**



## Setting for a Coronation WINDOW Display

AS explained elsewhere in this issue (p. 253), many royal emblems may be freely used in window displays during the period of the Coronation, provided they are not specifically linked with the name of the goods displayed. Contrary to usual display principles, such settings take precedence over the goods, and for that reason the items of merchandise should be kept few and small. In the background illustrated, they have been entirely omitted, in order to permit as clear a view as possible of the display pieces themselves. It may be suggested that one or two small groups of toilet articles on the two glass shelves and two glass ovals shown will be adequate to the occasion. The cut-out window valance is printed in red and gold on a royal blue background, supplied complete in one piece with side panels, and scored for separation. The design repeats four times in a length of 9 ft. 4 in.

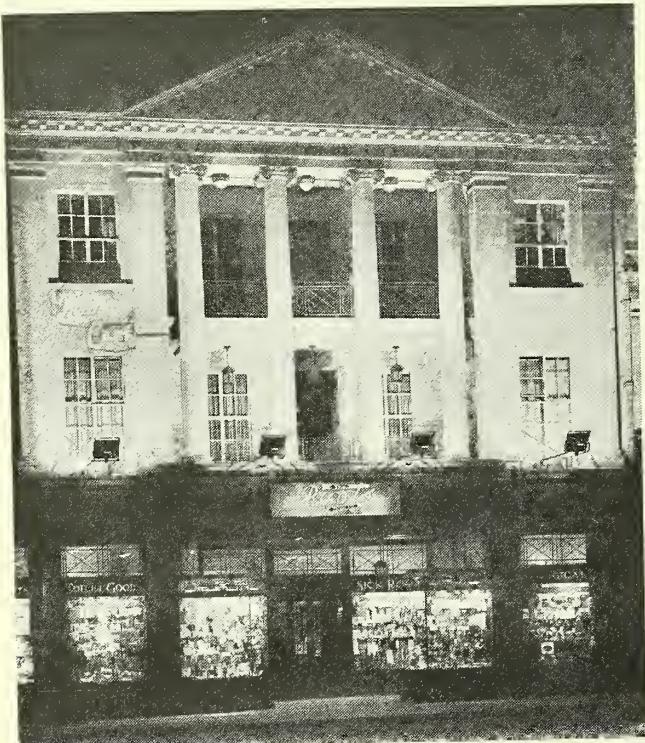
The side panels normally measure 4 ft. 8 in. long by 8 in. wide, with twice-repeating design; for the purpose of the setting illustrated they were trimmed. The whole of the background and sides of the window are hung with a special coronation display paper made up of 1-in. stripes of red, white and blue. The deck of the window is covered with ordinary crêpe paper, white at the front and red at the back. The royal cipher medallion against the printed bunting Union Jack and White Ensign is of embossed *papier mâché* in gilt and purple. Two sizes of *papier mâché* coats of arms (adapted) and a gilt crown, one of two shapes available, are included. The setting is completed with red, white and blue carnations in vases and red, white and blue chestnut foliage entwined round the uprights of the stands. All the material used was provided by J. C. King, Ltd.

# Floodlighting for Chemists

THE coronation celebrations in 1937 will cause many chemists, in common with other shopkeepers, to consider whether they can profitably adopt some form of floodlighting on their premises. To most chemists in main road positions, floodlighting will not be practicable, at least so far as the ground floor of the premises is concerned. Sometimes the upper part of the premises can be floodlit from projectors placed above the fascia, where this is forward from the main building. Otherwise, floodlighting is possible only where the proprietor owns a wide stretch of forecourt or has facilities for installing projectors in gardens opposite the shop premises. Assuming that there are no difficulties of site, and

sight of the lamp. The success of floodlighting depends entirely upon the amount of light reflected back from the building on to the eye of an observer. An absolutely black building could not be floodlighted because the observer would see no light reflected. The paler the building is in colour, the easier it is to illuminate. It is often worth while having a building cleaned before floodlighting is attempted.

A table showing the floodlighting values recommended for different classes of building has been drawn up by the Lighting Service Bureau of the Electric Lamp Manufacturers' Association. From it the following figures are extracted:—



Photograph]

[General Electric Co., Ltd.

Floodlit shop premises at Cheltenham

that the chemist decides it would be a good advertisement for him to have all or part of his premises floodlighted, some information will be useful on the practical and technical details. Projectors must be weather-proof and of an efficiency to bring (some 33 per cent. of the lamp lumens within the beam. (A lumen is the amount of light which will illuminate one square foot to an average intensity of one foot candle.) When projectors are fixed in out-of-the-way places, there must be no deterioration in light output through dust and dirt collecting. Fittings must also be adjustable and capable of being trained on any object. They should produce a more or less uniform, unbroken beam of light ; a diffusing glass in front or a reflector with broken surface achieves this end. The most familiar type of apparatus is a searchlight. This produces an almost parallel beam with the aid of a reflector of parabolic section when the light source is placed at the focal point. The position of the lamp concentrates or increases the beam. The reflector can be constructed of either silvered glass or metal ; their relative efficiency depends on the type of installation. The casings of a unit may be light or heavy according to the duty it is built to undertake. The front glass may be varied to modify the beam of the projector and prismatic glass is often used to give a wide beam of light. Among the important accessories may be mentioned spill or anti-glare shields, which cut off direct

Nature of Surface	Condition of Surface	Foot Candles recommended		
		Dim district	Medium district	Bright district
White glazed brick ...	Clean ... Fairly clean ... Fairly dirty ...	1·5 2·0 4·5	2·5 3·5 7·5	4·0 6·0 12·0
Portland stone ...	Clean ... Fairly clean ... Fairly dirty ...	2·0 3·5 6·5	3·5 5·5 11·0	6·0 9·0 18·0
Concrete ... ...	Clean ... Fairly clean ... Fairly dirty ...	3·0 4·5 9·0	5·0 7·5 15·0	8·0 12·0 24·0
Middle stone ... ...	Clean ... Fairly clean ... Fairly dirty ...	3·5 5·5 10·5	5·5 9·0 17·5	9·0 14·5 28·0
Dark stone ... ...	Clean ... Fairly clean ... Fairly dirty ...	4·5 6·5 13·0	7·5 11·0 22·5	12·0 18·0 36·0
Yellow brick ... ...	Clean ... Fairly clean ... Fairly dirty ...	4·0 5·5 10·5	6·5 9·0 17·5	10·5 14·5 28·5
Red brick ... ...	Clean ... Fairly clean ... Fairly dirty ...	5·5 8·5 17·0	9·0 14·0 28·0	14·5 22·5 45·0
Cream paint ... ...	Clean ... Fairly clean ... Fairly dirty ...	2·0 3·5 6·5	3·5 5·5 11·0	6·0 9·0 18·0
Buff paint ... ...	Clean ... Fairly clean ... Fairly dirty ...	2·5 4·2 8·5	4·5 7·5 14·0	7·0 11·5 22·5
Light grey paint ...	Clean ... Fairly clean ... Fairly dirty ...	3·5 5·5 10·5	5·5 9·0 17·5	9·0 14·5 28·0

## Floodlighting Costs

A considerable amount of light is wasted in "spilling." For ordinary square or rectangular buildings a waste light factor of 1.2 is sufficient, but for very irregular buildings and isolated objects, such as statues, an allowance as high as 1.5 is necessary. Cost must vary according to the type of installation. Taking unit price at one penny, the figure would be around £3 18s. per hour for every thousand square feet of a building of white Portland stone. If discharge lamps were used for lighting this cost drops to £1 10s. Localised treatment of floodlighting has its origin in the fact that the upper portion of a building is more visible than the lower part, particularly in cities. In practice the spectator sees only a small portion of a building. For long range floodlighting, a three to four hundred foot beam may be used to give almost normal illumination, but a handicap is the British climate ; even a slight mist may destroy the effect. The method of mounting the projectors on long poles or masts is common on the Continent, but less used over here. Short range floodlighting from balcony, canopy or other projection can be done well providing the distance away from the main surface is not less than one-third of the building height. The low-pressure discharge lamp makes colour floodlighting practicable. Floodlighting in colour is always better when complementary colours are used in the same installation.

This article is based on a lecture by Mr. H. Lingard, A.M.I.E.E., at the Lighting Service Bureau, Savoy Hill, London, W.C.2.

# Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, February 25

A CONTINUANCE of the recent quieter tone in most markets is indicated this week, while values are, in most instances, being fully maintained and some further increases are notified. Business in PHARMACEUTICAL CHEMICALS has been routine, with the tone somewhat steadier. The home trade price for GLYCERIN, B.P., has been advanced a further £10, making the total of increases since December £45 per ton. Most suppliers of GLYCPHOSPHATES have withdrawn their prices. English SUGAR OF MILK is firm at last week's big advance. MERCURIALS are firm, and, in view of the acute scarcity of the metal, further advances are not unlikely. British makers' prices for CREAM OF TARTAR and TARTARIC ACID are dearer.

## Crude Drugs

Business has continued on the rather quieter note previously reported this month, with values fully maintained and the strong tone in many products is well supported by the lack of good supplies both here and at the sources. Shipment prices for AGAR continue to advance, and the source reports adverse climatic conditions affecting crop. Cape ALOES are firmer, due to lack of shipment offers. ANTIMONY is sharply dearer. A much firmer tone in BUCHU, with a sharp advance in shipment prices for new crop. Good prices were paid at the small sale of CARDAMOMS and a further few cases will come up next week. Considerable market activity in CASCARA SAGRADA, with the result that prices show a good advance and the position is much firmer. Zanzibar and Madagascar CLOVES are again dearer, continuing firm. DESICCATED COCONUT is easier. Good results reported for the NORWEGIAN COD fishing season. Acute scarcity of COLOCYNTH continues. Editorial comment on p. 251. A modest shipment inquiry for DERRIS ROOT. HYDRASTIS continues very firm for shipment. Japanese MENTHOL has had a rather quiet week. A scarcity of MERCURY is apparent and high prices have been mentioned by second-hands. Fair sales of RHUBARB. SAFFRON is steadier at better prices. Textile grades of TRAGACANTH have sold well at advanced prices. WAXES have been quiet.

## Essential Oils

Business has been no more than moderate, but during the last day or two inquiry improved somewhat. Prices are keeping steady. The demand for ANISE (STAR) has been small. Very little interest in BERGAMOT; the shipment market is idle, owing to lack of offers and spot trade has been of little consequence. CASSIA continues steady. Ceylon CINNAMON LEAF is very firm. CITRONELLAS are again easier, with the markets flat. All descriptions of CLOVE are dearer, and firm, tending to advance still higher. Algerian and Bourbon GERANIUM are irregular on quotation for shipment. HO (SHIU) is scarce and dear on spot. Reports from the source indicate Sicilian hand-pressed LEMON is a firm market. Californian LEMON oils not in bulk supply. English NUTMEG is offered at keen prices. A little more doing in French Guinea ORANGE, with quotations steady. Japanese PEPPERMINT has been mostly quiet and the distant forward position is rather easier. All Spanish OILS continue firm at good prices on spot, with practically nothing coming forward. SPEARMINT is irregular on quotation. WORMSEED is firm for shipment.

## Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:

Centre	Quoted	Par	Feb. 18	Feb. 25
Amsterdam ...	Fls. to £	12.107	8.95½	8.93
Berlin ...	Mks. to £	20.43	12.16	12.15
Brussels ...	Belgas to £	nominal	29.03	29.03
Copenhagen ...	Kr. to £	18.159	22.40	22.40
Lisbon... ...	Esc. to £	110	109½	109½
Madrid ...	Ptas. to £	25.22½	nominal	nominal
Milan ...	Lire to £	92.46	93	93
Montreal ...	Dol. to £	4.86½	4.89½	4.89
New York ...	Dol. to £	nominal	4.89½	4.89
Oslo ...	Kr. to £	18.159	19.90	19.90
Paris ...	Fr. to £	124.21	105½	105½
Prague ...	Kr. to £	164.25	140½	140½
Stockholm ...	Kr. to £	18.150	19.40	19.40
Warsaw ...	Zloty to £	43.38	26	26
Zurich... ...	Fr. to £	25.2115	21.46	21.46

Bank rate 2 per cent.

## Pharmaceutical Chemicals, etc.

FAIR business is reported, with the general tone steady. A further substantial advance in glycerin, B.P., is recorded. Cream of tartar and tartaric acid are quoted dearer.

ACETANILIDE.—Quiet business, values unchanged; B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb., as to quantity.

ASPIRIN.—Makers' and dealers' prices are unchanged, business continues on a very fair scale: home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 4 lb., 3s. 2d.; 1 lb., 3s. 4d. per lb. Bulk packing free, net, carriage paid. Contracts, over twelve months, minimum one ton; over six months, less than one ton.

BARBITONE.—Cheap spot offers, business quiet: spot, one cwt., 1s. 3d.; 56 lb., 1s. 8d.; small parcels, up to 1s. 3d. per lb.

BENZOIC ACID (B.P.).—Fair business, values steady: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 3d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of prices and terms of payment continue at the recent revision: Carbonate, not less than one cwt., 6s. 6d.; 28 lb., 6s. 9d.; 8 lb., 7s. 3d.; 4 lb., 8s.; less than 4 lb., 8s. 6d. per lb.

BROMIDES.—Makers' scales of prices steady. No Continental quotations. POTASSIUM, B.P., five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s. per lb. SODIUM, B.P., five cwt., 1s. 10d.; one cwt., 1s. 11d.; 28 lb., 2s. 2d. per lb. AMMONIUM, B.P., five cwt., 1s. 11d.; one cwt., 2s.; 28 lb., 2s. 3d. per lb., net. Resale clause applies. 28-lb. parcels and one-cwt. cases free. Export quotations are maintained, as follows: POTASSIUM, B.P., five cwt., 1s. 4d.; one cwt., 1s. 4½d. SODIUM, B.P., five cwt., 1s. 5d.; one cwt., 1s. 5½d. AMMONIUM, B.P., five cwt., 1s. 6½d.; one cwt., 1s. 7d. per lb., f.o.b.

BUTYL CHLORAL HYDRATE.—Market quiet: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—The scales for Continental material, duty paid, in 5-lb. tins, are as follows:—Pure, alkaloid, two cwt., 8s. 10½d.; one cwt., 9s. 0d.; 56 lb., 9s. 2d.; less than 56 lb., 9s. 4½d. per lb. Citrate, two cwt., 5s. 11½d.; one cwt., 6s. 0d.; 56 lb., 6s. 1½d.; less than 56 lb., 6s. 2d. per lb. Soda, Sal, two cwt., 6s. 2d.; one cwt., 6s. 3d.; 56 lb., 6s. 4½d.; less than 56 lb., 6s. 5½d. per lb. English makers' prices as follow: Pure alkaloid, two cwt., 9s.; one cwt., 9s. 2d.; 56 lb., 9s. 4d.; less than 56 lb., 9s. 6d. per lb. Citrate, two cwt., 5s. 11d.; one cwt., 6s.; 56 lb., 6s. 1d.; less than 56 lb., 6s. 2d. per lb.

CALCIUM LACTATE.—Business moderate: one cwt., 1s. 0d.; 56 lb., 1s. 1d.; 28 lb., 1s. 2d.; smaller quantities, up to 1s. 6d. per lb.

CHLOROFORM.—Prices quoted by makers are: two cwt., 2s. 5½d. per lb.; one cwt., 2s. 6d.; 56 lb., 2s. 6½d.; less, 2s. 7½d. per lb., in w-quarts of 8 lb. Packed in drums. ½d. per lb. less. Small bottles extra, from 5d. per lb. for 4-lb. bottles to 1d. for 2-lb. bottles. Carriage paid on minimum cwt. lots.

CITRIC ACID (B.P. CRYSTALS).—Market is steady at former figures: British material quoted at 1s. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

CREAM OF TARTAR.—Market is quoted dearer: British material, 99 to 100 per cent., 8s. per cwt., less 2½ per cent. discount. Dealers' prices for foreign material competitive.

MERCURIALS.—The new scales, which were advanced last week, are as follows:—

	Under 112 lb.	Not less than 112 lb.
Ammoniated lump, B.P. (white precip.)	Per lb. s. d.	Per lb. s. d.
Ammoniated powder, B.P.	6 0	5 11
Bichloride lump, B.P. (corros. sub.)	6 2	6 1
Bichloride powder, B.P.	5 3	5 2
Chloride, B.P. (calomel)	4 11	4 10
Red oxide cryst., B.P. (red precip.)	6 0	5 11
Red oxide levig., B.P.	7 1	7 0
Persulphate white, B.P.C.	6 7	6 6
Sulphide black (hyd. sulph., cum. sulph. 50 per cent.)	6 5	6 4
	6 2	6 1
	6 1	6 0

Special prices for larger quantities and for contracts. The previous market alteration was on August 18, 1936.

**GLYCERIN (B.P.).**—Makers notify a further advance of £10 per ton, making a total increase of £45 per ton since December. The new scale of prices is as follows:—

Contracts or Single Deliveries of	Under 1 cwt.	1 cwt. and under 2½ cwt.	2½ cwt. and under 5 cwt.	5 cwt. and under 10 cwt.	10 cwt. and under 20 cwt.	1 ton and under 5 tons
Minimum Deliveries of contract, of	—	1 cwt.	1 cwt.	1 cwt.	2 cwt.	5 cwt.
Tins, 14 lb. .... per cwt.	127/6	123/-	122/-	119/-	118/-	114/-
Tins, 28 lb. .... "	124/6	120/6	119/6	116/6	115/6	111/6
Tins, 56 lb. .... "	121/6	118/-	117/-	114/-	113/-	109/-
Drums, 1 cwt. (charged 20/-),	—	113/6	112/6	109/6	108/6	104/6
Drums, 2½ cwt. (" 60/-),	—	—	110/6	107/6	106/6	102/6
Drums, 5 cwt. (" 75/-),	—	—	—	107/-	106/-	102/-
Drums, 10 cwt. (" 100/-),	—	—	—	105/6	101/6	—
Extra per cwt. for smaller deliveries ex contract than as above specified	5 cwt. and under 10 cwt. ....	—	—	—	—	—
	2 cwt. and under 5 cwt. ....	—	—	—	—	—/6
	1 cwt. and under 2 cwt. ....	—	—	—	—/6	1/-
	Under 1 cwt. ....	1/-	1/-	1/-	1/6	2/-

Tins and cases free, glass packages and iron drums charged extra and returnable. Drums credited in full only if returned carriage forward in good condition within six months of date of invoice. Contracts booked for delivery over 12 months, 2½ per cent. monthly account except where stated net. 14 lb. and over carriage paid direct ex works, smaller quantities carriage paid if forming part of a carriage paid order. Any style and size of package may be assorted to secure relative quantity of price. Prices are quoted subject to an undertaking on the part of the buyer not to resell at prices and terms below the scale for such quantities current at the time the resale is made.

**METHYL SALICYLATE.**—Only a limited business, but market is steady: spot, ten cwt., 1s. 1½d.; five cwt., 1s. 2d.; one cwt., 1s. 2½d.; less than one cwt., 1s. 2½d.; small quantities, in bottles, up to 2s. per lb.

**METHYL SULPHONAL.**—A keen market, business quiet: two cwt., 19s. 3½d.; one cwt., 19s. 9½d.; 56 lb., 20s. 2½d.; small parcels, 20s. 8½d. per lb. .

**PHENACETIN.**—Fair business at steady prices: crystals or powder, bulk quantities, 2s. 6d.; smaller parcels, 2s. 7d. to 3s. per lb., as to quantity.

**PHENOLPHTHALEIN.**—Average small business: two cwt., 2s. 9d.; one cwt., 2s. 10d.; 28 lb., 3s.; 14 lb., 3s. 1d.; 7 lb., 3s. 2d.; smaller parcels, up to 3s. 6d. per lb.

**POTASSIUM PERNIANGANATE (B.P.).**—Market is very steady and tending firmer: bulk quantities, in drums, 9½d. to 10d.; druggists' parcels, 10d. to 1s. per lb., as to quantity.

**QUININE SALTS.**—Convention prices continue unchanged: sulphate, 2s. 2d.; bisulphate, 2s. 2d.; ethyl carbonate, 2s. 9½d.; salicylate, 2s. 10½d.; hydrochloride, 2s. 8½d.; bihydrochloride, 3s.; hydrobromide, 2s. 8½d.; bihydrobromide, 3s.; valerianate, 3s. 8d.; hypophosphite, 4s.; alkaloids, 3s. 0½d. per oz., carriage paid on bulk quantities; 100-oz. tins free, smaller packages extra.

**RESORCIN.**—British material quoted unchanged: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., up to 6s. 6d. per lb.

**SACCHARIN.**—The Convention price for 550 is 37s. 6d. per lb., duty paid, with rebates for quantities.

**SALICYLIC ACID (B.P.).**—Market is steady but quiet: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 8d.; 14 lb. 1s. 9d.; 7 lb., 1s. 10d.; 4 lb., 2s. per lb.

**SALOL.**—Irregular on spot, business quiet: quoted from about 2s. 7½d. to 3s. per lb., as to quantity; powder, 2½d. per lb. extra.

**SODIUM BENZOATE (B.P.).**—Fair business at keen prices: bulk quantities, from 1s. 6d.; one cwt., 1s. 7d.; smaller parcels, 1s. 7½d. to 2s. per lb., as to quantity.

**SODIUM DIETHYLBARBITURATE.**—Quoted unchanged. spot, one cwt., 11s. 6d.; 28 lb., 11s. 9d.; 14 lb., 12s.; 7 lb., 12s. 3d.; smaller parcels, up to 12s. 6d. per lb.

**SODIUM SALICYLATE (B.P.).**—Market is steady but rather quiet: home trade, crystals or powder, five cwt., 1s. 5½d.; one cwt., 1s. 6d.; 28 lb., 1s. 9d.; 14 lb., 1s. 10d.; 7 lb., 2s. per lb.; 1 lb., 2s. 3d. per lb.

**SUGAR OF MILK.**—Makers' prices continue at the substantial advance recorded last week: £87 per ton, in bulk.

**SULPHONAL.**—Business slow, market competitive: crystals or powder, two cwt., 15s. 5½d.; one cwt., 15s. 10½d.; 56 lb., 16s. 1d.; smaller parcels, up to 16s. 7d. per lb.

**TARTARIC ACID (B.P. CRYSTALS).**—Market is quoted dearer: British makers quote at 1s. 0½d. per lb., less 5 per cent. discount. Dealers offering foreign materials at competitive prices.

**THEOBROMINE.**—Continental material: pure, two cwt., 7s. 10d.; one cwt. 8s.; 56 lb., 8s. 2d.; smaller quantities, 8s. 4d. per lb. Sodium salicylate, two cwt., 6s. 3½d.; one cwt., 6s. 4½d.; 56 lb., 6s. 5½d.; smaller quantities, 6s. 6½d. per lb., delivered, 5-lb. tins free, smaller packages extra.

### Crude Drugs, etc.

**ACONITE ROOT.**—Some Japanese root is available on spot at 47s. 6d. to 50s. and Napellus at 47s. 6d. per cwt., ex store.

**AGAR.**—A quiet spot business, market continues steady with shipment prices again slightly dearer: spot, Kobe No. 1, 3s. 3d. to 3s. 4d., No. 2, 2s. 10½d.; Yokohama No. 1, 2s. 10d. per lb.; shipment, Kobe No. 1, 3s. 1½d.; No. 2, 3s.; Yokohama No. 1, 2s. 11d. per lb., c.i.f. The source advises mild weather continues and crop is being affected, particularly the Yokohama grade.

**ALOES.**—Average spot business. Bids for Cape for shipment rejected and there is practically nothing offering, except one lot of one-cwt. cases at 58s., c.i.f. Cape, spot, 6os. to 62s. 6d. as to quality; shipment, nominal, 58s. per cwt., c.i.f. Curacao, spot, 95s. to 115s. as to quality; shipment, 9os. to 92s. 6d. per cwt., c.i.f.

**CURACAO ALOES.**—Plantations in Aruba and Bonaire increased considerably in 1936, the latter island accounting for approximately 200,000 plants. At the close of 1936 stocks in Aruba totalled about 2,000 cases only and it is reported that the considerable stocks held for some time past have all been disposed of. The 1937 crop in Bonaire is expected to be larger than usual, due to the good rainfalls in the autumn and early winter of last year.

**ANTIMONY.**—Chinese crude is nominal on spot at £39; shipment, March, £38, c.i.f. English regulus, dearer at £79 to £82 10s. per ton, ex store.

**BARBASCO ROOT.**—Market continues very quiet with spot root testing about 7.2 per cent. rotenone at 1s. 1d. per lb., ex store.

**BUCHU.**—Firmer conditions are noted here. Last week it would have been possible to book new crop at 1s. 7d. to 1s. 8d., c.i.f. These prices have been rejected at the source and the quotation is now firm at 1s. 10½d. per lb., c.i.f. Fair business on spot with the value of rounds from 2s. to 2s. 2d. as to quality. Some rather stalky ovals, about 1s. 9d. per lb.

**CAMPHOR.**—Quite a nice business on spot at full prices. Japanese manufacturing BB grade is steady at the recent advance at £8 10s. per 100 lb. Japanese, spot, tablets, 2s. 7d.; powder, 2s. 3½d.; slabs, 2s. 3d. per lb., ex store; shipment, tablets, 2s. 3d.; powder, 2s. 1d.; slabs, 2s. 0½d. per lb., c.i.f. English refined flowers: one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz. and ¼ oz., 3s. 6d. per lb. Contracts at special prices.

**BENZOIN.**—A routine business in grades ranging in value from £3 10s. to £5 per cwt., ex store.

**CANTHARIDES.**—Not much inquiry on spot. Russian, 6s. to 6s. 3d.; Chinese are sharply dearer with shipment now up to 1s. 9d., c.i.f., and spot quoted from 2s. 1d. upwards per lb., ex store.

**CARDAMOMS.**—At the small sale last week all lots were cleared at good prices with long bold fetching up to 5s. 9d. and the small brown and splits 4s. 3d. to 4s. 4d. per lb. At next week's sale a little lot of 14 cases of Duckwari will come under the hammer. The market continues very firm.

**CASCARA SAGRADA.**—This market has been the feature of the week. Previously there had been cheap offers of 1936 peel in bond and spot. These offers have been withdrawn. Business amongst dealers has been brisk and it would now be difficult to find a spot seller at 1s. 10d. per cwt. for 1936 peel. 1933 peel, up to 6s. 6d. much less than 6os. per cwt. for 1936 peel. 1933 peel, up to 6s. 6d. per cwt. The source reports most shippers have nothing to offer, but 54s., c.i.f., is indicated. The usual report of labour shortage has come to hand.

**CHAMOMILES.**—Moderate spot sales with prices steady at 95s. to 120s. per cwt., as to quality of the flowers.

**CLOVES.**—At the further sharp advances the market continues firm: Zanzibar, spot, 10½d.; shipment, March-April, 10½d. per lb., c.i.f. Madagascar, in bond, 9d.; shipment, March-April, 9d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended February 20 were 132 and the deliveries 140, leaving a stock of 2,203. From January 1 to date the landings of Zanzibar have been 1,998 and the deliveries 571. Landings of Madagascar for the week ended February 20 were 329 and the deliveries 16, leaving a stock of 3,642. From January 1 to date the landings of Madagascar have been 2,665 and the deliveries 356 packages.

**COCOA BUTTER.**—Market has been quieter, steady as quoted: prime English, 1s. 4½d. to 1s. 5½d. per lb. Foreign, 1s. 2½d. to 1s. 3½d. per lb., as to quantity.

**COCONUT (DESICCATED).**—Values are easier, market dull: spot, fine, 29s.; medium, 28s. per cwt.; shipment, halves, March-April, 26s. 6d. per cwt., c.i.f.

**COD-LIVER OIL.**—Bergen reports weather has been favourable for fishing and the results are very satisfactory. February 20: 23,800 tons of cod and 12,646 hectol. of oil, compared with 19,441 tons of cod and 8,588 hectol. of oil on the same date in 1936, and 12,140 tons of cod and 6,965 hectol. of oil in 1935. Shipment quotations for finest Lofoten steam refined non-freezing medicinal oil, 94s. to 95s. per barrel, c.i.f. London. Spot, in small lots, about 127s. 6d. per barrel, ex store. Newfoundland, non-freezing, medicinal oil, 130s. per barrel, ex store. British non-freezing medicinal oil is now quoted at 92s. to 100s. per barrel, c.i.f. London, duty free, while quotations from another home source are at higher figures.

**COLCHICUM.**—Dealers are offering spot supplies of this root at about 45s. per cwt., ex store.

**COLOCYNTH.**—Market continues firm; supplies scarce; spot, nominal; shipment, June-July, 1s. 11d. per lb., c.i.f. Resellers of March-April at the same figure. Editorial comment on p. 251.

**DANDELION ROOT.**—Occasional small spot business, with foreign root quoted at 8os. per cwt., ex store.

**DERRIS ROOT.**—This market is still rather quiet for the time of year, although there has been a little better shipment inquiry. New crop quoted at about 9d. per lb., c.i.f., basis 17 per cent., extract. On spot about 11d. per lb., as to test.

**ERGOT.**—It is reported that the small supplies of Russian on spot have been cleared at 5s. 9d., and the source reports all stocks sold. There may still be a few bags of Spanish/Portuguese at 6s. 6d., ex store; one shipment offer of Spanish/Portuguese at 6s. per lb., c.i.f., and business done.

**GENTIAN.**—Continues firm, with Continental root held at 57s. 6d. per cwt., ex store; shipment, 55s. per cwt., ex store.

**GINGER.**—Values have improved and the market is steady: West African, spot, 65s.; shipment, March-April, 52s. per cwt., c.i.f. Jamaican, spot, bold, in barrels, 87s. 6d. to 9os.; small grinding, 62s. 6d. per cwt., in bags, ex store.

**GUM ACACIA.**—Market continues irregular and dull: spot, Kordofan cleaned sorts, 45s.; bleached, No. 1, 105s.; extra, 117s. 6d. per cwt.; shipment, Kordofan cleaned sorts, 41s. per cwt., c.i.f.

**HONEY.**—Business of small importance; quoted values maintained: Jamaican, 38s. to 50s. for dark manufacturing to palish set. Californian, 49s. to 51s., duty paid. Canadian, 48s. St. Domingo, darkish, 36s. per cwt. ex store.

**HYDRASTIS.**—This market is very firm, with shipment held at 14s., c.i.f. On spot there are sellers at the moment at about 13s. 6d. per lb., ex store.

**IPACUANHA.**—A rather quiet market, with prices about maintained: Matto Grosso, B.P. test, 7s. per lb.; shipment, 6s. 9d. per lb., c.i.f.

**LYCOPODIUM.**—Dealers are selling a few small lots now quoted from 4s. per lb., ex store. Market is firmer, tending dearer.

**MENTHOL.**—A modest business in Japanese, with the market slightly easier forward. K/S brands, spot, 13s. to 15s. 11d., as to brand; in bond, 11s. 9d. Japanese shippers quote March-April at 11s. 9d., c.i.f., with re-sellers of earlier positions at 11s. 6d., c.i.f. Considerable business is ready to be placed at 11s., c.i.f., but there is nothing available at this figure. English synthetic continues to be quoted from 7s. 6d. to 10s. 6d. per lb., as to quality and quantity.

**MERCURY.**—First hands report there is no change in their prices for metal but, owing to lack of spot stocks and nothing much coming forward, the quotations are nominal at the moment. On the market as much as £22 a bottle has been mentioned. The position generally is very firm and the outlook as regards fresh supplies indefinite. Quoted at 69 dollars 50 cents per bottle, f.o.b. Continent; £14 3s. 6d., c.i.f. London; spot, in small lots, £14 6s. per bottle, ex store.

**OPRUM.**—Quiet demand for small quantities; values steady; spot, Turkish, 1s. 3d. per unit landed and duty paid; Persian, 1s. per unit, in bond.

**ORANGE PEEL.**—Thin cut new crop Tripoli; to arrive shortly, is being quoted at 1s. per lb., landed.

**ORRIS ROOT.**—Dealers are offering spot supplies from 35s. to 40s. per cwt., ex store, as to quality.

**PEPPER.**—At the further slight decline the market has been dull, closing steadier. Lampung in bond, 3½d.; shipment, March-May, 2½d.; April-June, 3d., c.i.f. Tellicherry, spot, 4½d.; shipment, February-April, 38s., c.i.f. Aleppy, spot, 4½d.; shipment, February-April, 38s., c.i.f. White Muntok, in bond, 6d.; shipment, March-May, 5½d. per lb., c.i.f.

**PIMENTO.**—Slightly cheaper on the week, business quiet; spot, 8½d. per lb.; shipment, February-April, 69s. per cwt., c.i.f.

**QUASSIA CHIPS.**—A limited demand, with small spot parcels quoted at about 20s. per cwt., ex store.

**QUILLAI A BARK.**—Dealers are quoting whole bark at 25s. to 27s. 6d., and crushed bark at about 35s. per cwt., ex store.

**QUINCE SEED.**—Market is firm, supplies limited: Cape, in small supply at 3s. 6d. Persian, as to quality, 2s. to 2s. 6d. per lb., ex store.

**RHUBARB.**—Moderate business, with values fully steady: Shensi, 3s. 9d. to 4s. 3d.; pickings, 2s. 6d. to 2s. 9d., in cases. Rough round, selling fairly well at 1s. 9d. per lb., ex store.

**RUBBER.**—Values show a small recovery on the week. Latterly business has been better and the market closes steady. Standard ribbed smoked sheet, spot, 10½d.; March 10½d.; April, 10½d.; May-June, 10½d.; July-September, 10½d.; October-December, 10½d. per lb.

**SAFFRON.**—Following the lower values noted last week, the market is now steadier at the recovery: Valencian, 67s. 6d. to 75s. per lb., as to quantity and seller.

**SARSAPARILLA.**—Steady business on spot in small parcels: spot, Jamaican grey, 1s. 2d. to 1s. 3d.; native, mixed colours, 1d. to 1s. per lb., as to quantity, spot.

**SEEDS.**—**ANISE.**—Bulgarian is 32s., spot, duty paid. **CANARY.**—Market unchanged; spot, Mazagan, 29s.; Plate, 24s.; Turkish, 26s.; and Spanish, 52s. 6d., all duty paid. **CARAWAY.**—Dutch is 36s. 6d., spot, duty paid; 31s. quoted f.o.b. Holland. **CORIANDER.**—Morocco on spot is offered at 17s., duty paid. **CUMIN.**—No Malta offering on spot; Morocco is 32s. 6d., spot, duty paid. **FENNEL.**—Indian is 32s. 6d., spot. **FENUGREEK.**—Morocco is firm at 14s. to 14s. 6d. spot, duty paid. **MUSTARD.**—English is 23s. 6d. to 32s. 6d. per cwt., according to quality.

**SENNA.**—Inquiry continues on a fair scale, with good green Tinnevelly leaves offering as follows: bold at 7d.; No. 1 at 5½d.; No. 2 at 3½d.; No. 3 at 2½d.; No. 4 at 2½d. per lb. Hand-picked Tinnevelly pods offer at 4d. to 5½d. per lb., according to quality. Only a few small consignments of new crop have reached this market, and the quality is not very good. Shipments of better quality are expected here during the next month or so, and prices are expected to remain on the high side for best-quality selected pods. A fair selection of old crop hand-picked pods offer on the spot, at 1s. 6d. to 2s. 6d. per lb.

"The Indian Trade Journal," February 4, 1937, contains the following report: The Tinnevelly crop was a full crop, exceeding expectations, while the Satur crop was a failure. Prices at the beginning of the season were very high, but gradually came down towards the end of the season. The export figures for the last few seasons compare as follows: 1933, 66,000 cwt.; 1934, 49,000 cwt.; 1935, 72,000 cwt.; 1936, 62,000 cwt., up to November 30, 1936. Exports from 1936 to Europe, particularly to Germany, were larger than in previous years; America bought moderately only. Stocks of season leaves in the interior are now negligible and stocks with exporters are moderate; while there are large stocks at Continental ports still unsold. The present arrivals of rain-fed quality are exported to Bombay and Calcutta, no demand emanating from Europe. Prices ranged from Rs. 15 to Rs. 20 according to quality. The outlook for the new crop is quite promising and a full crop can be expected in the Satur area. In Tinnevelly district, sowings in dry lands are late and the crop may be late by about two months.

**SHELLAC.**—Market is quoted easier, business rather quiet: spot, standard TN orange, 50s. to 55s.; fine orange, 65s. to 125s.; pure button, 62s. 6d. to 65s. per cwt., spot. For delivery, TN, March, 50s. 6d.; May, 51s. 6d.; August, 53s. For arrival, TN, March-April, 49s. 6d. per cwt., c.i.f.

**SLIPPERY ELM BARK.**—The chief stocks, which are small, consist of grinding quality, quoted at 6½d. per lb. Any slabs would be firm at 1s. 2d. per lb., ex store, with no shipment offers.

**SQUILL.**—Dealers are quoting some fair white in the region of 30s. per cwt., ex store.

**TONKA BEANS.**—Occasional small spot sales: fair frosted Para beans, 3s. 6d. to 3s. 7½d.; Angostura, about 8s. 3d. per lb., ex store.

**TRAGACANTH.**—There has been an increased demand for the textile qualities, prices for this range of gum have advanced a further 10 per cent., and are now quoted from £15 to £25 per ton, ex store. Other grades unchanged and quiet.

**VALERIAN ROOT.**—Dealers are quoting supplies of spot root at about 35s. per cwt., in small parcels.

**WAX.**—**BEES'.**—Market is steady on short supply, business quieter: Calcutta, bleached, spot, 150s.; shipment, February-March, 147s. 6d.; ordinary quality, spot, 135s.; shipment, 127s. 6d., c.i.f. Abyssinian, no spot offering; shipment, February-March, 130s., c.i.f. Benguela, spot, 145s.; shipment, 130s., c.i.f. Conakry, spot, none offering; shipment, none offering. Dar-es-Salaam, spot, 145s.; shipment, 145s. per cwt., c.i.f. **CARNAUBA.**—Continues rather dull with values keeping steady. Fatty grey, spot, 175s.; shipment, afloat, 167s. 6d., c.i.f.; February-March, 164s.; March-April, 160s., c.i.f. Chalky grey, spot, 165s. 6d.; shipment, February-March, 160s., c.i.f. Primeira, spot, good quality, 220s. f.a.q., 215s.; shipment, February-March, 202s. 6d., c.i.f. Mediana, spot, 210s.; shipment, 205s., c.i.f.

### Essential Oils, etc.

THE markets have been rather quiet again this week. Values, however, are mostly being steadily maintained, with a number of strong features. Clove oils are again dearer. Sicilian hand-pressed lemon fully steady but quiet. Japanese peppermint has been rather dull.

**ALMOND.**—Market steady for English oil; spot offers of foreign oil irregular: English made, cwt. lots, 3s. 5d.; smaller parcels, up to 3s. 7½d. per lb.; foreign, cwt. lots, 3s. 6d. to 3s. 8d.; smaller parcels, 3s. 10d. per lb.

**ANISE (STAR).**—Business has remained rather dull but spot and forward values are steady: spot, leads, 3s. 7d.; tins, 3s. 5d. to 3s. 6d.; drums, if available, 3s. 4½d. per lb., ex store; shipment, March-April, leads, nominal; tins, 3s. 1d.; drums, about 3s. per lb., c.i.f.

**BAY.**—Market has remained dull: 49 to 50 per cent., 4s. 8d. to 4s. 9d.; 59 to 60 per cent., 4s. 10d. to 4s. 11d. per lb., as to quantity.

**BERGAMOT.**—Most of the shippers report they have no oil to offer and the price is nominal at about 13s. 3d. per lb., c.i.f. Inquiry for shipment is negligible. On spot most holders are quoting in the region of 13s. 6d. per lb., as to quantity and brand, with business of small account.

**BOIS DE ROSE.**—Some spot business, with the cheaper parcels of Brazilian oil cleared; holders now quote 6s. to 6s. 4½d. per lb., as to quantity. No shipment offers.

**CAJUFUT.**—Values are maintained on a rather slow market: B.P., 2s. to 2s. 3d. per lb., as to quantity.

**CANANGA.**—Little interest continues to be shown in the cheap shipment offers in the region of 5s. 9d. to 6s. 1½d. c.i.f. Spot is irregular and dull at 6s. 1½d. to 6s. 4½d. per lb.

**CARAWAY.**—Not much business of importance, values steady: Dutch, rectified, 8s.; crude, 7s. 7d. per lb., landed and duty paid.

**CASSIA.**—A moderate business and prices are quite steady: spot, 3s. 3d. to 3s. 4d. for good quality oil and less for inferior. Shipment is held at 3s. for leads and 2s. 10d. for drums per lb., c.i.f.

**CEDAR LEAF.**—Occasional small business on spot; quoted from about 4s. 9d. to 5s. per lb., ex store.

**CEDARWOOD.**—A quiet business on spot, with the American oil quoted keen in some quarters: African, in drums, 1s.; smaller packages, up to 1s. 3d. per lb. American, in drums, 1s. 1½d. to 1s. 2½d.; smaller packages, 1s. 4½d. per lb.

**CINNAMON LEAF.**—This market continues firm at recent advances: Ceylon oil, spot, 3s. 7½d.; smaller packings, up to 3s. 10d. per lb.; shipment, March-April, 3s. 5d. per lb., c.i.f., with the quantity offered very restricted.

**CITRONELLA.**—These markets are again easier, with business much quieter: Ceylon, spot, drums, 1s. 6d. to 1s. 7d.; smaller parcels, up to 1s. 10d.; shipment, drums, 1s. 3½d. per lb., c.i.f. Java, spot, drums, 1s. 10d.; smaller parcels, up to 2s. 1½d.; shipment, drums, 1s. 7½d. per lb., c.i.f.

**CLOVE.**—Madagascar oil is firm and again slightly dearer, with supplies very limited; extremely few shipment offers: Madagascar, spot, drums, 5s. 4½d. to 5s. 6d.; smaller packings, up to 5s. 7½d. per lb.; shipment, if available, 5s. per lb., c.i.f. English distilled oil, dearer and firm at 6s. for cwt. lots and up to 6s. 6d. per lb., for small parcels. Zanzibar bud oil, resellers, from 5s. 6d. per lb., ex store.

**EUCALYPTUS.**—Not much business on spot; a few shipment inquiries with prices firmly maintained; Spanish oil is now available. Shipment offers firm: Australian, 70 to 75 per cent., 1s. 7½d., in tins, and 1s. 7d., in drums; 80 to 85 per cent., 1s. 8½d., in drums, per lb., landed; higher prices for small lots on spot; shipment, March-April, 70 to 75 per cent., 1s. 5d.; 80 to 85 per cent., 1s. 6d. per lb., c.i.f.; Spanish, 70 to 75 per cent., 1s. 6½d. per lb., landed.

**GERANIUM.**—Conflicting reports from the source, with slightly easier and rather firmer prices received. Business has been negligible spot and forward: Bourbon, spot, 17s. to 18s. 3d.; shipment, 15s. 6d. to 16s. 3d., c.i.f. Algerian, spot, about 16s.; shipment, 15s. to 15s. 3d. per lb., c.i.f.

**GINGERGRASS.**—There is still a complete absence of shipment offers. The spot price mentioned for any oil available on spot would be about 7s. per lb., ex store.

**GRAPE-FRUIT.**—A moderate inquiry, with most quotations for Californian oil held at 11s. to 12s. per lb., as to quantity.

**HO (SHU).**—The restricted stocks on spot are being firmly held for 2s. 6d. to 2s. 9d. per lb., as to quality and quantity. One or two shipment offers of limited quantities at 1s. 10½d. to 2s. 1d. per lb., c.i.f., as to quality.

**JUNIPER BERRY.**—A quiet spot demand with a standard quality oil quoted at about 3s. 6d. per lb., ex store, for a fair quantity.

**LAVENDER.**—Although quiet, this market is fully steady and the source reports a strong market: French, 38 to 40 per cent., steady from 15s. 6d. to 18s. 6d., with blended oil at cheaper prices. Lavandin is quoted from 9s. 6d. to 11s. per lb., as to quality and quantity. There may be some cheaper sellers.

**LEMON.**—The amount of business done in Sicilian hand-pressed oil has been rather small, but the market is reported very strong at the source. Shipment offers range from 14s. 3d. up to as high as 15s. 9d., c.i.f. On spot there is a similar wide range of quotations, from 13s. 9d. to 15s. 6d. per lb., ex store. Machine-made oil is quoted for shipment at about 12s. 9d. per lb., c.i.f. A limited quantity of Californian distilled, regular quality, was available, and all booked with the price at 8s. 4d. per lb., landed. No cold-pressed oil available.

**LEMONGRASS.**—This market has been mostly dull, and is again slightly easier for shipment at about 1s. 8½d. per lb., c.i.f., for bulk quantities; spot, in small lots, about 1s. 10d. to 2s. per lb., ex store.

**MANDARIN.**—A limited sale on spot, with prices ranging from 17s. 6d. to 19s. per lb.; new crop oil for shipment is also irregular from 16s. to 18s. 3d. per lb., c.i.f.

**NEROLI.**—Values are steady at the advance recorded last week: spot, 14s. to 19s. per oz., as to quality and quantity.

**NUTMEG.**—A limited sale on spot, with American oil quoted at 5s. 10d. to 6s. per lb., as to quantity. English-made oil quoted at 5s. 9d. to 6s. 3d. per lb., as to quantity.

**ORANGE.**—There seems to have been a little more business during the past week, but the demand has not by any means been good. French Guinea oil for shipment, 4s. 9d. to 4s. 10½d. per lb., c.i.f. On spot, drums, from 5s. 4½d. to 5s. 6d., and smaller packings, up to 5s. 9d. per lb. No interest in Sicilian oils; shipment, sweet, 13s. 7½d., c.i.f., and bitter, 10s. 7½d. per lb., c.i.f. Better supplies of Californian are expected to come along; small stocks held at present. Small drums, 4s. 2½d.; tins in cases, 4s. 3½d.; single cases, 4s. 6d. per lb., ex store.

**PALMAROSA.**—Some oil afloat is offering at about 13s. per lb., c.i.f., with no interest shown. On spot a limited quantity may be picked up at 10s. 6d. to 11s. per lb., ex store. No reliable shipment offers.

**PATCHOULI.**—Market continues fully steady; business unimportant: Singapore oil, spot, 17s. to 17s. 3d. per lb.; shipment, firm at 16s. 6d. per lb., c.i.f.

**PEPPERMINT.**—The JAPANESE product has been in quiet demand this week. Spot, 5s. 3d. to 5s. 4d., as to brand. Afloat, 5s., c.i.f., with buyers at slightly less. Japanese shippers are now quoting April-May at 5s. 4d. per lb., c.i.f., but there is little interest shown, chiefly owing to the fair quantity of oil now afloat and shortly arriving. There is, however, no general easing in the market. CHINESE oil on spot sells slowly at about 5s. 2d. per lb. The AMERICAN natural oil is quoted for shipment at about 2 dollars 30 to 45 cents per lb., c.i.f.; spot supplies are offered at comparatively cheap prices, with business quiet.

**PETITGRAIN.**—Business has been quiet, market maintained at last week's advance: spot, cases, 4s. 4d., and smaller packings, up to 4s. 6d. per lb.; shipment, 4s. 2d. per lb., c.i.f., in cases.

**ROSEMARY.**—The limited quantity of good quality Spanish oil is fully steady as quoted at 3s. 9d. to 4s. per lb. Importers report shipment market nominal owing to the difficulty of effecting shipment.

**SAGE.**—Dealers are holding limited stocks, with prices steady at about 3s. 3d. per lb., ex store, for Spanish oil.

**SANDALWOOD.**—Genuine East Indian Mysore, 19s. per lb., in one-case lots on spot; oil described as British Indian at very competitive prices. English-made East Indian, 22s. 6d. to 25s. per lb., as to quantity. English-made West Indian, 7s. 3d. per lb. Australian oil continues steady: five cases, 14s. 6d.; one case, 14s. 9d.; 7-lb. tins, 15s. 3d. per lb.

**SASSAFRAS.**—Not much business moving. Natural oil quoted from 3s. 6d. to 3s. 7d. per lb., and artificial oils at cheaper prices.

**SPERMINT.**—Spot and forward quotations continue very irregular: spot, from about 8s. 6d. to 9s., and shipment, 7s. 7½d. to 8s. 4d. per lb., c.i.f.

**SPIKE.**—The spot market is firm, with supplies of good quality Spanish oil held for 5s. 9d. to 6s. per lb. Shipment is nominal and practically nothing coming forward.

**VETIVER.**—Some shipment offers for Bourbon are rather easier at about 20s. 6d., c.i.f.: spot, in small lots, about 27s. 6d. per lb., ex store.

**WORMSEED.**—The shipment market continues very strong at 10s. 7½d. to 10s. 9d., c.i.f., and most spot holders are now requiring 10s. 9d. to 11s. per lb., as to seller.

## Zanzibar Cloves Exports

THE total shipments for the past three years, with the destinations, were as follows:—

Destinations	1934	1935	1936
India	Cwts. 67,206	Cwts. 73,414	Cwts. 64,026
Great Britain and Northern Ireland	12,775	6,957	6,629
Straits Settlements	1,608	1,056	1,281
Canada	1,711	1,271	979
Dutch East Indies	88,886	79,844	100,564
United States of America	32,972	15,683	19,428
Mexico	74	—	—
Germany	1,939	1,382	3,266
Italy	892	188	—
Japan	235	970	1,265
Holland	1,385	2,298	377
Egypt	1,799	2,198	2,540
Brazil	250	—	753
Sweden	300	—	32
Denmark	544	—	164
Norway	62	—	—
Spain	295	600	95
Argentina	325	—	—
Belgium	19	—	—
Australia	553	701	1,070
Aden	951	1,356	1,328
All other Countries	2,643	1,873	1,890
	217,514	189,771	205,687
Frs.	696,045	607,267	658,199

# Correspondence

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

## Coronation Banquet of the Pharmaceutical Society

SIR.—By permission of the Corporation of the City of London, the Society is holding a Coronation banquet in the Guildhall on Tuesday, April 6 next. I hope that members of the Society will give this function their whole-hearted support. Although the majority of the company will naturally be members from London and the home counties, I sincerely hope that every branch will endeavour to be represented and that many of them will be able to make up parties for the occasion. Ladies will be particularly welcome, and many members will, no doubt, wish to take advantage of this unique occasion for entertaining their friends. Application forms for tickets may be obtained from the secretary of the Society. I trust that I may have the pleasure of welcoming members representative of all branches of pharmacy and from all parts of the country.—Yours, etc.,

THOMAS MARNS, President.

17 Bloomsbury Square, London, W.C.1.

## British Industries Fair

SIR.—On February 26 the British Industries Fair of 1937 will close. In twenty-two years it has grown in size and quality. . . . You will perhaps allow me to emphasise the importance of the Fair in showing our goods to oversea buyers from no less than 75 countries and in helping our exporters. It is relatively easy now to sell goods in our home market, and the armament programme will make it easier, but the very buoyancy of the home market makes it more difficult for us to sell abroad. To pay our way and to maintain our living standards we must sell abroad. In the last few years we have recovered some of our export trade—between 1932 and 1936 the declared value of our domestic exports rose by nearly £76,000,000, or 20 per cent., but even so, in volume our domestic exports of 1936 are 17 per cent. below those of 1930, and the declared value of our exports in 1936 was only 60 per cent. of the declared value of our exports in 1929. If our foreign visitors carry home with them not only a generous consignment of British goods but a conviction that they must buy from us if we are to maintain our impressive purchases from them, then indeed the organisers of the British Industries Fair 1937 will be carried forward to the Fair of 1938 in the happy confidence of success.—Yours faithfully,

ALAN ANDERSON.

London, E.C.3.

## News from Oldham

SIR.—The meeting on January 31 was far more helpful and satisfactory than I had dared to hope, and we in Oldham are quite pleased with the results so far. When we get pharmacists throughout the country as united as we in Oldham have been for thirty years, they will find that half an hour's Sunday duty four times per year, and one hour on the evening of early closing day every sixth week, is sufficient to serve the public. We have nothing to conceal; perhaps we are more nervous than we ought to be, but having been fooled so often we are almost "as canny as a Scot."

Yours sincerely,

FRANK NEWBY.

Oldham.

## Cod-Liver Oil

SIR.—We are much indebted to your correspondent, Messrs. Andrew Steven & Son, Glasgow, C.2, for directing the attention of your readers to the fact that there is a price advantage of 20s. per barrel in favour of British medicinal cod-liver oil over the Norwegian product [C. & D., February 13, p. 209]. All competent authorities are agreed that British oil is superior in vitamin potency to Norwegian oil (*vide* Drummond and Hilditch, "The Relative Values of Cod-Liver Oils from Various Sources," H.M. Stationery Office, E.M.B. 35, December 1930). The steps taken by British Cod-Liver Oil Producers (Hull), Ltd., to render their oil at sea, and refine and purify it on land, also ensure that their oil is of the very finest possible grade in general character. The explanation of the difference of 20s. per barrel lies in the fact that British Cod-Liver Oil Producers (Hull), Ltd., have never taken advantage of the tariff which now applies to Norwegian cod-liver oil; they have preferred

to pass on the major proportion of the benefit of it to the wholesaler, retailer and consumer. No doubt there are many of your readers, including Messrs. Andrew Steven & Son, who would wish to avail themselves of the advantages of British cod-liver oil, and to be guided as much by their self-interest as by their sense of patriotism. Our comparison of total production of genuine cod-liver oil at Hull and in Norway is fully justified by the published statistics for Norwegian production and what we know our own production to be.—Yours, etc.

BRITISH COD LIVER OIL PRODUCERS  
(HULL), LTD.

St. Andrew's Dock, Hull.

## Professional Remuneration

SIR.—The address by Mr. E. H. Simmons on "The Service We Render," delivered to the Glasgow and South-East Scottish Branch (C. & D., February 20, p. 214) inspires the question, "What remuneration do we get?" The reduction in the number of apprentices is due more to the miserable return received for our services than to any act of the Society. There is scarcely one chemist from end to end of Scotland who will advise a youth to waste his time and talents in pharmacy, not that we do not like the work, but simply because of the conditions.—Yours, etc.,

THE THISTLE (23/2).

SIR.—The instance given by "Perplexed" (C. & D., February 20, p. 236) showing the inadequate payment received for a panel script is one which might be examined a little further. The figures given show that for 3 doz. belladonna and opium suppositories "Perplexed" receives a total of 1s. 9 $\frac{1}{2}$ d. (ingredients 6 $\frac{1}{2}$ d., dispensing fee 1s. 3d.). It is stated in the C. & D. Retail and Dispensing Price List that the two systems of calculating dispensing charges are based on a special investigation; and by the costing method the figure for oncost for suppositories is 1s. 4d. per doz. By the rapid method the charge would be 2s. per doz. Reference to a wholesale list shows that in certain strengths these are listed at 1s. per doz., and if they were not a stock line there would be a charge of from 3s. to 3s. 6d. plus the cost of the suppositories, which is the minimum wholesale charge for making a special item of this kind. In addition, if the opium content is over a certain percentage it will bring them under the D.D.A., requiring extra work in making the necessary copy and entry in the register. It would seem, therefore, whichever way it may be reckoned, that this prescription should be priced at 3s. 6d. at least to cover the cost even under contract rates. It may be admitted that scripts for suppositories are not numerous; but they require more skill and more time, and should be paid for accordingly. An instance such as this is particularly interesting with reference to the debate held by the West London Branch (p. 213); the subject of profession or commerce is one which will always produce plenty of argument among pharmacists, and while it never grows stale it never reaches a definite conclusion. The whole system of our education and examination is built up on a professional basis; but having qualified we are turned adrift to fight for a living in a commercial world.—Yours truly,

ANTEPLEX (22/2).

## Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

### Appreciation

I must express my regret that I have not been a subscriber long ere now. Please accept sincerest thanks for *Diary and Year-Book*. I think every druggist who is interested in his profession should possess one.—O. O. A. (West Indies).

### Conference Badges

A. E. (23/2) asks for the loan of a badge used at the Leicester meeting of the British Pharmaceutical Conference in 1926. It may be sent to him c/o The Editor of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, and will be returned without delay.

## Miscellaneous Inquiries

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

*W. P. L.* (8/84).—PERMANENT WAVING SOLUTION.—The following is a formula containing sodium chloride:—

Sodium chloride	...	...	...	5
Sod. carb.	...	...	...	1.5
Sod. babor.	...	...	...	1
Ammonia o.880	...	...	...	20
Distilled water to	...	...	...	100

*M. O. H.* (9/21).—GAS DECONTAMINATION.—The following formulas relating to decontamination of materials are given in the Air Raid Precautions Handbook No. 4:—

### Bleaching Powder and Water

Bleaching powder may also be applied in the form of a cream consisting of 2 lb. of powder to a gallon of water. For some purposes (e.g., vertical surfaces) a stiff paste is required, and this should be formed by using 4 lb. of bleach in one gallon of water. Bleaching powder quickly loses its active chlorine in the presence of moisture, so it should be stored in a sealed tin, and the cream or paste should be made up freshly when required. To prepare the paste, the requisite quantity of bleaching powder should be placed in a bucket, a little water added, and the mixture stirred to a smooth paste; more water is then added until the required consistency is obtained as indicated above. It is then ready for use. It will remain effective only for one or two days after being made up.

### Bleaching Powder and Vaseline

Some surfaces of an oily or greasy nature may be decontaminated by treatment with a mixture containing equal parts by weight of bleaching powder and vaseline. The most satisfactory method is to swab the surface first with paraffin and then to smear it with bleach-vaseline ointment, which should be left in contact for a short period. It may then be wiped off, leaving a thin film on the surface.

*H. W.* (South Africa) (17/37).—MYRRH AND BORAX TOOTH PASTE.—The following formula could be adjusted to meet your particular conditions:—

Powdered myrrh	...	...	...	2½ dr.
Borax (dried)	...	...	...	2½ dr.
Powdered soap	...	...	...	1½ dr.
Precipitated chalk	...	...	...	16 oz.
Oil of rose,				
Glycerin,				
Water	...	...	...	of each sufficient

*J. R. M. M.* (India) (22/37).—HAIR RESTORER.—Ferrous sulphate dissolved in claret or red wine has been recommended. The strength of ferrous sulphate should be about 2 per cent. An alternative formula is as follows:—

Ferrous sulphate	...	...	...	1
Glycerin	...	...	...	4
Eau de Cologne	...	...	...	4
Rose water	...	...	...	56

The formula in Martindale's Pharmacopoeia, to which you refer, is:—

No. 1 Solution				
Pyrogallic acid	...	...	...	1
Alcohol (90 per cent.)	...	...	...	8
Distilled water	...	...	...	40

No. 2 Solution				
Silver nitrate	...	...	...	1
Strong solution of ammonia	...	...	...	1
Distilled water	...	...	...	8

Apply No. 1 solution first, followed by No. 2.

*A. R.* (United States) (19/37).—AMMONIUM MANDELATE MIXTURE.—The following formula for an ammonium mandelate mixture has been recommended by a member of the medical profession in this country:—

Ammonium mandelate	...	...	...	26 gr.
Liquid extract of liquorice	...	...	...	5 min.
Elixir of gluside	...	...	...	½ min.
Water to	...	...	...	1 dr.

The dosage for children up to six months is 30 grains daily; up to two years, 30 to 60 grains; from two to five years, 60 to 90 grains; and from five to twelve years, 90 to 120 grains.

*C. D. H.* (Canada) (17/37).—NATIONAL HEALTH INSURANCE.—You will find the information you require in *The Chemist and Druggist Diary and Year-Book*, 1937 (pp. 285-289), which was forwarded to you when the overseas copies were posted at the end of last year.

*F. E.* (23/37).—NO-RUB FLOOR POLISH.—Preparations of this nature are usually suspensions of carnauba wax by means of soap in water, and one made according to the following formula gives a good surface with little more than a flick of the duster:—

Carnauba wax	...	...	...	...	...	1 oz.
Stearic acid	...	...	...	...	...	2 dr.
Distilled water	...	...	...	...	...	6 oz.

Liquefy with the aid of heat and then add a warm solution of

Triethanolamine	...	...	...	...	...	1 dr.
Distilled water	...	...	...	...	...	4 oz.

Shake.

The latter solution should not be too cool, as the carnauba wax easily solidifies.

An alternative formula is as follows:—

Carnauba wax	...	...	...	...	...	13.2 lb.
Oleic acid	...	...	...	...	...	1.5 lb.
Triethanolamine	...	...	...	...	...	2.1 lb.
Borax	...	...	...	...	...	1.0 lb.
Water	...	...	...	...	...	108 lb.
Shellac	...	...	...	...	...	2.2 lb.
Ammonia (28 per cent.)	...	...	...	...	...	0.32 lb.

Melt the wax and add the oleic acid. The temperature should not be above 90° C. Using a hot water or steam jacketed kettle maintains a good temperature and prevents wax caking along the sides of the container. Add the triethanolamine slowly, stirring constantly. The solution should be clear at this point. Dissolve the borax in about a pint of boiling water and add to the wax solution to obtain a clear jelly-like mass. Stir for about five minutes. Add 92 pounds water, previously heated to boiling point, slowly with constant stirring. An opaque solution should be obtained. Cool. Add 16 pounds of water to the shellac and then the ammonia and heat until the shellac is in solution. Cool. Add this to the above wax solution and stir well to obtain an even mixture.

The above polish should give a clear film when applied to linoleum, mastic floors, etc., and one that is not too slippery. Shellac has been incorporated in the polish to cut down the slipperiness of a straight carnauba wax emulsion. It is necessary to use a good grade of light coloured carnauba wax and the directions for making the polish must be carried out as described.

## Retrospect of Fifty Years Ago

Reprinted from  
"The Chemist and Druggist," February 26, 1837

### From an Edinburgh Address

Mr. H. Bellyse Baildon, F.R.S.E., chairman of the Executive of the North British Branch, presided, and delivered the inaugural address [at an evening meeting of the Branch in Edinburgh]. In speaking of the Pharmacy Act of 1868, he questioned whether it had proved of great advantage to the pharmacist. It was only justice to say, however, that the Bill as passed was not that introduced by the Society, but was an unfortunate compromise. He devoutly trusted the moral of this would be laid to heart in future arrangements. . . . He did not mean to say that there was not room for the Society to move in the direction of becoming more popular over the country. It ought, he thought, to endeavour to distribute its benefits as widely as possible. . . . The chief defect of much of the education imparted in this country had been on the technical or practical side. Technical skill is what everyone must have, from the Poet Laureate to the shoebblack, if he would produce any result. He thought no apprentice should be taken who had not passed the Preliminary examination.

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and Pure Cane Sugar.

Guaranteed free from artificial  
flavouring and added preservatives.

Your enquiries will be appreciated

•  
Sold in bulk only, in  
Casks, Kegs, Carboys & Winchesters

•  
**J.C. ARNFIELD & SONS, Ltd.**

WHOLESALE DRUGGISTS

GADSBY WORKS • PRINCES ST.  
STOCKPORT

ESTABLISHED 1786

# ALKALOIDS

FINE CHEMICALS AND OPIUM DERIVATIVES

Goods  
covered by  
Dangerous Drugs  
Acts offered  
subject to all  
regulations

Aloin • Atropine • Bismuth Salts • Caffeine • Cantharidin  
Capsicin • Chloroform • Chrysarobin • Codeine • Diamorphine  
Emp. Canth. Liq. • Ephedrine • Ergotin • Eserine • Ethyl-  
morphine • Gingerine • Hyoscyamine • Jalap Resin • Leptandrin  
Morphine • Opium • Podophyllin Resin • Salicin • Santonin  
Scammony Resin • Strychnine • Veratrine and other  
Pharmaceutical Chemicals and Preparations.

## T. & H. SMITH LTD.

25 CHRISTOPHER STREET, LONDON, E.C.2

Blandfield Works,  
Edinburgh,  
32-34 Virginia St.,  
Glasgow

## GRAESSER SALICYLATES LTD.

Manufacturers of

ASPIRIN, B.P.

SODIUM SALICYLATE, TECHNICAL  
AND B.P.

SALICYLIC ACID, TECHNICAL AND  
B.P.

ORTHO CRESOTINIC ACID  
TECHNICAL.

SODIUM PHENATE

etc.

Telegrams & Telephone: HAWARDEN 104

**THE CHEMICAL WORKS**  
**SANDYCROFT**  
**CHESTER**

HIGHEST  
QUALITY

# Methylated Spirits

delivered from  
local depots  
obviating delay

## THE METHYLATING CO. LTD.

Kinnaird House, Pall Mall East, London, S.W.1

Phone:  
Whitchall 6964/5

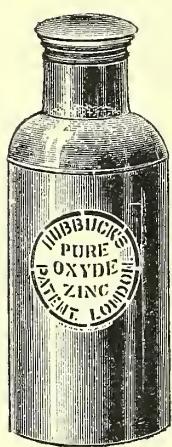
Wires:  
"Methcolim, Phone, London"

Ask for Price List and Pamphlet on Methylated Spirits Regulations

Branches:

LONDON, BIRMINGHAM, LIVERPOOL,  
MANCHESTER, BRISTOL, GLASGOW,  
LEITH, HULL

February 27, 1937



# Hubbuck's Pure Oxide of Zinc

is made by sublimation and is  
warranted to contain upwards of

**99.9 PER CENT.**

of pure oxide; in fact, the  
impurities are not traceable

**Thos. Hubbuck & Son, Ltd.**  
ESTABLISHED 1765

**24 Lime Street, London, E.C.3**  
MANUFACTURERS OF WHITE LEAD, WHITE  
ZINC, PAINT, OILS, COLOURS, VARNISHES, &c.

Australian Office : 34 Queen Street, Melbourne

Sold by the following Wholesale Druggists  
in Boxes of 7 lb. and 14 lb. stamped by  
the Manufacturers : also in 1-lb. Boxes  
and 1-lb. Glass Bottles :

Allen & Hanburys, Ltd.  
Ayrton, Saunders & Co., Ltd.  
Bell, Jno., & Groydon  
Bell, John, Hills & Lucas,  
Ltd.  
Bleasdale, Ltd.  
Boots Pure Drug Co., Ltd.  
British Drug Houses, Ltd.  
Brook, Parker & Co., Ltd.  
Burgoine, Burbridge & Co.,  
Ltd.  
Butler & Crisp  
Cockburn & Co., Ltd.  
Dakin Brothers, Ltd.  
Duncun, Flockhart & Co.  
Evans, Gadd & Co., Ltd.  
Evans Sons Lescher & Webb,  
Ltd.  
Ferris & Co., Ltd.  
Gale Bails & Co., Ltd.  
Glasgow New Apothecaries  
Co.  
Goodall, Backhouse & Co.,  
Ltd.  
C. R. Harker, Stagg &  
Morgan, Ltd.  
Harkness, Beaumont & Co.,  
Ltd.  
Harrick, W. R., & Co.

Barry, E. J., New York  
Finlay Dicks & Co., New  
Orleans  
E. Fougera & Co.,  
99-12, Beekman Street  
New York  
Chas. L. Huisking & Co., Inc.  
155, Varick St., New York  
Lohn & Fink, Inc., N. York  
McKesson & Robbins, Inc.  
New York  
Muth Brothers & Co., Balti-  
more  
Palmers, Ltd., Montreal  
S. B. Penick & Co., Inc.,  
New York  
Roller & Shoemaker, Phila-  
delphia  
Schiffelin & Co., Inc., New  
York  
Shoemaker & Busch, Phila-  
delphia

# ALMOND OIL

**SWEET B.P.**

**STOCK**

**CHAS. H. WINDSCHUEGL**  
1 LEADENHALL ST., LONDON, E.C.3  
Telephone : Mansion House 0732 (4 lines)

**BLYTON, ASTLEY & CO. LTD.**  
Eagle Laboratories, Lr. Broughton, Manchester,  
FOR  
**LOZENGES, PASTILLES, "MENTHELLS,"**  
and Quick-Selling SPECIALITIES.

**TRIBASIC PHOSPHATE of SODA**  
FREE RUNNING WHITE POWDER  
Price and sample on application to:  
**PERRY & HOPE LIMITED**  
NITSHILL GLASGOW

PACKED OR  
IN BULK

# TABLETS (Compressed)

Specialists for over 30 years in all kinds of Medicinal Tablets. Purity of Drugs and Accuracy of Dosage  
Guaranteed. Let us put up your own Speciality in Tablet Form. Secrecy of Formula Guaranteed.

*Cachous of all kinds and Flavours*

*Inventors and Makers of*  
**THE IMPROVED "PREMIER" TABLET MACHINE**, Not a toy. Will stand up to  
the hardest work. (Full instructions for making tablets.) £12.12.0

SUGAR COATING PANS. Copper or Galvanized Iron, Complete with stand and helical gear. 33" pan. £28  
SUPPOSITORY MACHINES (Cold Pressure) Making and Coating in Tin Foil. Torpedo Shape. £12.10.0

**BUCKLEY-BOWKER TABLET CO., LTD.**  
MANUFACTURING CHEMISTS AND  
PHARMACEUTICAL ENGINEERS  
**29 Parkfield Street, London, N.1**  
TELEPHONE : CLERKENWELL 1401

February 27, 1937

THE CHEMIST AND DRUGGIST  
SUPPLEMENT

# WILLOWS GALENICALS

Made from Chemically and  
Physiologically Tested Drugs

HENRY AYSCOUGH THOMPSON'S  
**CHEMICAL FOOD**

HAS STOOD THE TEST OF TIME

AS A

THOROUGHLY RELIABLE  
PREPARATION

IN EVERY WAY

~ ~ ~

Obtainable only from

73, 75 and 89a  
Shackleton Lane, Dalston  
LONDON, E.8

PHONE :  
CLISSOLD 6361 (4 LINES)

GRAMS :  
FORTY, HACK. LONDON

WILLOWS  
FRANCIS  
BUTLER and  
THOMPSON  
LTD.

Wholesalers and Importers  
Manufacturers of  
Pharmaceutical Preparations  
for  
NEARLY TWO CENTURIES



A  
SALINE  
APERIENT  
and  
BILIARY  
STIMULANT  
of  
RARE EFFICACY

# Phospho-Soda

(Fleet)

An ethical pharmaceutical product for which a continuous propaganda is being conducted with the Medical Profession.

	Retail	Wholesale
Bottles of 2½ fl. oz.	1/6	13/6 per doz.
" " 6 fl. oz.	3/-	27/- "
" " 16 fl. oz.	6/-	54/- "

Stocks are held by the leading Wholesale Houses

Your co-operation in promptly obtaining supplies when required will be appreciated

THE ANGLO-FRENCH DRUG CO. LTD.  
11-12 GUILFORD STREET, LONDON, W.C.1.

PETROLEUM  
JELLIES

LIQUID  
PARAFFIN



TECHNICAL  
OILS

PURFINOL LTD.  
BRETENHAM HOUSE, LANCASTER PLACE,  
STRAND, LONDON, W.C.2

Telephone : Temple Bar 1318/1319 • Cables : Invatore-Rand-London



Wholesale  
Prices

1/3 Size  
11/6 per dozen net  
3/- Size  
27/6 per dozen net  
Carriage Paid Gross Quantities or equivalent.

Manufactured only by  
J. F. WHITE & CO., Chemists  
BENSON STREET, LEEDS.  
Counter Bills free on application.

## Tablets and Pills Packed or Bulk

ASPIRIN  
CASCARA

and all

TABLETS and PILLS

Latest Automatic Pill Plant producing over 300,000 3-grain pills a day.

Private formulae Pills and Tablets carefully and accurately prepared at lowest possible prices.

Enquiries from Packers, Shippers & Trade  
CASTLE HUSKISSON Ltd.

MANUFACTURING CHEMISTS

Swinton Works, Moon St., Islington  
London, N.1

Telephone : Clerkenwell 4266

ESTABLISHED 1768

FINE MATERIALS MAKE FINE PRODUCTS

# STURGE

## PRECIPITATED CHALK

is the best that money can buy. Sturge standards for chalk grading are the accepted standards the world over.

**JOHN & E. STURGE LTD., 1 WHEELIES ROAD, BIRMINGHAM, 15**

MANUFACTURERS OF FINE CHEMICALS SINCE 1823

## Cream of Magnesia



Ask us to send you  
this 12 oz. sample  
bottle

**FREE**

Cream of Magnesia is prepared by a patented process that ensures an absolutely pure product. Viscosity can be varied to suit customers' requirements.

**THE WASHINGTON CHEMICAL COMPANY**

BRANCH OF TURNER AND NEWALL LIMITED

Washington Station, County Durham

'Phone : Low Fell 76035

'Grams : Chemical, "Washington Station"

## T STERLING - BRAND - CHEMICALS

SCALE PREPARATIONS  
HYPOPHOSPHITES  
BISMUTH SALTS  
MERCURIALS  
STEARATES  
CITRATES  
ACIDS  
ETC.

**THOS. TYRER**  
& CO., LTD.  
**STRATFORD**  
**LONDON, E.15**



You know that 'ASPRO' is a line that sells quickly all the year round, but this winter the sales have reached an astonishingly high level. Chemists displaying 'ASPRO' have increased their takings by as much as  $33\frac{1}{3}$  per cent. over the normal for this time of the year; all previous records have been broken, and judging by the weather forecast and the reports of 'flu from all over the country, it is a safe prophecy that even bigger sales are on the way.

Big 'ASPRO' advertising spaces are appearing in all the leading newspapers, they are busy making countless customers for 'ASPRO.' The ready-made customers nearest to you will make their purchase at the shop where the word 'ASPRO' CATCHES THEIR EYE IN THE WINDOW.

**WHY NOT DISPLAY 'ASPRO'  
PROMINENTLY IN YOUR WINDOW  
and get the full benefit of these  
increased sales—send for this to-day**



No proprietary right is claimed in the method of manufacture or the formula.

MADE IN ENGLAND BY

**ASPRO LIMITED, SLOUGH, BUCKS.**

'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Telephone : SLOUGH 608

# New Reduced Prices

*for*

# Alka-Seltzer

*Brand*

Effervescent, Alkalizing and Analgesic Tablets

## MORE TABLETS

From March 1st, 1937, the small size "ALKA-SELTZER" will contain 12 tablets (instead of 8 as heretofore) and the large size 30 tablets (instead of 25). All stock at present in the hands of the trade will be exchanged for new stock at any time prior to March 31st, 1937.

## PRICES REDUCED

But that is not all. In addition, reductions will be made in retail prices. The new price for the small size will be 1/- (reduced from 1/3) and for the large size 2/- (reduced from 2/6). The increased number of tablets together with the new reduced prices, makes "ALKA-SELTZER" a popular priced line within the reach of all.

## NEW TRADE PRICES

1/- size "ALKA-SELTZER"	9/- per dozen
2/- size . . . . .	18/- "

From the above prices special discounts will be given for display parcels.

## STRONG NATIONAL ADVERTISING

In 1936 "ALKA-SELTZER" was sold only in certain "test" areas, but from March 1st, 1937, a powerful national advertising campaign will commence and continue throughout the year. Large advertisements will appear regularly in such newspapers as the "Daily Mail," "Daily Express," "Daily Herald," "News Chronicle," "Daily Telegraph," "Sunday Dispatch," "Sunday Express," and many provincial newspapers.

Over 400,000,000 "ALKA-SELTZER" advertisements will be circulated. In addition "ALKA-SELTZER" Radio Programmes will be broadcast from both Luxembourg and Normandy, commencing in March and continuing regularly thereafter.

To link up with this national campaign and to obtain the maximum sales from the advertising, write for free counter and window display material.

Write to-day for new trade Price List and special display discounts to the Sole Distributors for the British Isles.

During 1936 over 25,000,000 packets of "Alka-Seltzer" were sold in 34 different countries throughout the world. It is now available for the first time in the British Isles.

## DON S. MOMAND Limited

10-15 CHITTY STREET, LONDON, W.1

Telephone : Museum 6872 (3 lines)

Telegrams : DONSMO, RATH, London

MANUFACTURED BY MILES LABORATORIES - ESTABLISHED IN 1886

**"CLARKES"**

Brand

World-famed Blood-purifying Medicine

**"BLOOD MIXTURE"**

Registered Trade Mark

UNSTAMPED, FOR SALE BY CHEMISTS ONLY

**P.A.T.A. PRICES****"CLARKES" Brand BLOOD MIXTURE**  
(Liquid and Tablets)Retail 3/- 3 doz. lots £4-4-0 less 3 $\frac{3}{4}$ % one month  
12 .. £16-16-0 .. 8 $\frac{3}{4}$ % ..

CARRIAGE PAID

PACKING FREE

**ASSORTED ORDERS**

"CLARKES" Brand	Retail	Per Doz.
"BLOOD MIXTURE" (Liquid)	1/9	16/4
" " " "	3/-	28/-
" " " "	12/-	112/-
"BLOOD MIXTURE" (Tablets)	1/9	16/4
" " " "	3/-	28/-
" " " "	5/-	46/8
SKIN LOTION ...	1/3	11/8
SALVE ...	1/3	11/8
" " " "	3/-	28/-
" " " "	5/-	46/8
APERIENT PILLS ...	1/3	11/8
" " " "	3/-	28/-
MEDICATED SOAP		
Box 3 Tablets ...	2/6	7/10
Single Tablets ...	1/-	

Orders may be assorted as desired at above rates provided they reach minimum values, as follows:

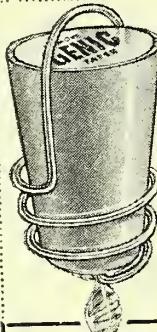
£4 - 4 - 0 less 3 $\frac{3}{4}$ % one month£16 - 16 - 0 .. 8 $\frac{3}{4}$ % ..

CARRIAGE PAID PACKING FREE

ORDERS may be sent direct or through the usual wholesale houses

**The Lincoln & Midland Counties Drug COMPANY, LIMITED****PARK STREET, LINCOLN**

Telegrams: "Lindum, Lincoln" Telephone: Lincoln 55

**FLY GON**

A close associate of "GENIC" this product has been specially prepared to combat the nuisance of flies and flying pests of all kinds. "FLY GON" is especially suitable for use under a tropical conditions. Discount 33 $\frac{1}{3}$ . Retails at 6d. and 1/-.

**BIG PROFITS in GENIC***A New and better home disinfectant...*

"GENIC," the safe solid disinfectant, in neatly packed containers complete with attractive holders and ready for immediate sale. No bother selling "GENIC" and no need to remind your customers about periodical renewals. "GENIC" users know when to come again, for "GENIC" continues to release a pleasant, fascinating and lasting odour until the block has entirely disappeared. A steady sale for "GENIC" is certain. Order a supply from your regular wholesaler to-day. RETAILS AT 2/6, 1/6 (REFILLS AT 2/- AND 1/-), 10 $\frac{1}{2}$ d. AND 6d. DISCOUNT 33 $\frac{1}{3}$ %.

**MILFORD PRODUCTS**  
*for the Million*

MILFORD PRODUCTS CO., LTD., MILFORD, DERBYSHIRE

**ORDER THROUGH YOUR REGULAR WHOLESALER****Paraffinum  
Liquidum  
B.P.**

ALL  
GRADES  
SAMPLES & PRICES  
On application  
to

**Sterns Ltd.**  
16, Finsbury Sq. London. EC2  
Telephone: National 7644 (7 lines).  
Telegrams: Centumvir, Phone, London.

---

 ALSO  
TECHNICAL  
QUALITIES
 

---

# Dinneford's Magnesia Tablets



Each Tin contains 30 Tablets  
Retail price 1/-

Listen-in to RADIO BROADCASTS  
on March 7, 14, 21, 28.  
From Radio Lyons at 6.45 p.m.  
and from Luxembourg 9.30 p.m.

Order direct or through your  
usual wholesaler

DINNEFORD & CO. LTD. 12 CLIPSTONE STREET, LONDON, W1

## TRADE TERMS (P.A.T.A.)

### DINNEFORD'S MAGNESIA TABLETS:

Retail 1/- per tin. . . . . 9/- per doz. net.

\*Quantities of not less than 6 doz. are subject to 12½% discount, i.e., 7/10½ per doz. net.

Minimum quantity of TABLETS ONLY supplied direct is six doz. tins  
Tablets are supplied in Display Outers each containing one doz. tins

### \*Mixed Parcels: DINNEFORD'S FLUID MAGNESIA and MAGNESIA TABLETS (Minimum value 63/-):

Fluid Magnesia (small) retail 1/3 . . . . . 10/6 per doz. net.

" " (large) " 2/6 . . . . . 21/- " " "

Magnesia Tablets " 1/- . . . . . 8/- " " "

*All goods carriage paid home. Terms: Net Cash, monthly account*

\*Quantity terms are conditional upon 14 days counter or window display

**Dr. J. Collis Browne's Chlorodyne**  
and  
**The Pharmacy and Poisons Act, 1933**  
Conditions of Sale  
—: UNAFFECTED :—

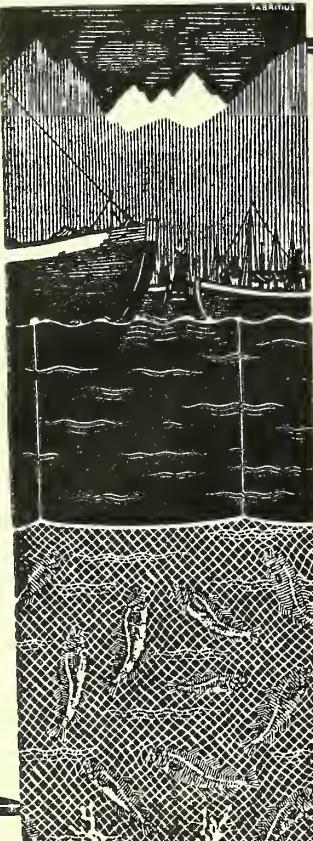
**Dr. J. Collis Browne's**  
**CHLORODYNE**

**SALE RESTRICTED TO REGISTERED CHEMISTS**

*Sole Proprietors:*  
**J. T. DAVENPORT Ltd.**



**Union St.,  
London, S.E.1**



For grown-ups and children Norwegian Cod Liver Oil is the very best bulwark against infections and the most effective weapon for fighting an impaired organism and illness.

## NORWEGIAN COD LIVER OIL

WORLD - RENOWNED FOR QUALITY

**DON'T  
MISS SALES—  
be sure and stock  
"BARLOVA"**

The nourishing food-beverage "BARLOVA" is a delicious beverage prepared from the best Malt—Milk and Eggs

Retails in three sizes:—  
Price 6d., 1/3 and 3/6

Your wholesaler stocks, include a trial dozen with your next order, or write us to-day for trade samples. Ample advertising, printed literature and window display material available.

NOBBY'S PRODUCTS LTD.,  
HYDE, CHESHIRE  
Phone: Hyde 329

**BARLOVA**  
FOOD DRINK OF HEALTH

### Robb's FOOD and NURSERY BISCUITS

NOW BEING ADVERTISED

nationally—are safe and profitable lines to stock, providing a scientifically prepared balanced infant diet so that babies are reared.

**"RIGHT FROM THE START"**

Send to-day for price list and full particulars to:  
**ALEX. ROBB & CO. LTD.**  
(Dept. C.T.2) 145, ATKINS RD, LONDON, SW12  
Also manufacturers of Charcoal & Dietetic Biscuits

### PURE NATURAL OLIVE OIL

ETABLISSEMENTS ADOLPHE PUGET  
MARSELLES

Send for Prices and Samples of this finest quality Virgin Oil to the

Agent in Great Britain—  
**H. C. FEATHERSTONE,**  
15 Devonshire Gardens, Chiswick, W.4  
'Phone - - - CHISWICK 2239

# SKOL HEALING ANTISEPTIC



Retail Prices 1/6 and 2/6

From the date of its introduction, the sales of Skol Brand Healing Antiseptic have always been restricted to qualified pharmacists. This policy will be firmly maintained.

Tel.: Victoria 6737.

## SKOL GOES ON THE AIR

BIG CAMPAIGN COMMENCES MARCH 5th

SKOL BRAND HEALING ANTISEPTIC will be advertised from Radio Normandy on March 5th and onwards. An unusually novel programme of outstanding interest has been arranged and big sales will follow. National press and magazine advertising will support the radio campaign.

If you do not already stock Skol Antiseptic get a supply from your wholesaler or direct from us. Skol customers are regular customers. Meet the demand for that all-important first sale and ensure for yourself the repeat business that will follow. Order a supply to-day and link up with this big advertising drive.

Show material and bonus display terms on application.

Makers of  
Skol Sun Lotion.  
**SKOL PRODUCTS LTD.**  
**ROCHESTER ROW, LONDON, S.W.I**

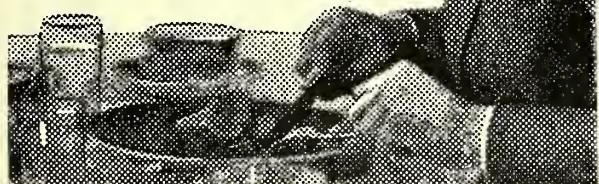
## ADVERTISED GOODS ALWAYS SELL

**THE GOODWILL  
OF BOX'S  
CUSTOMERS  
IS YOURS  
ON DEMAND**

Buyers of Box's Pills being "on to a good thing" very soon come back for more, and quickly establish themselves as your regular customers.

Display this famous fifty-year-old proprietary and start profit taking at once.

**SALES-MAKING DISPLAYS FREE ON REQUEST**  
P.A.T.A. List 1/3 3/- 5/- 22/- Retail  
W. H. BOX, 161 King St., PLYMOUTH



**BOX'S PILLS**  
CURE • INDIGESTION •

*Pharmaceutical*  
**CASTOR**  
**PREMIER**

**OIL**

Tasteless  
Water-White  
Made in England by  
**THE PREMIER OIL  
EXTRACTING MILLS**  
HULL

Telegrams: "Premier, Hull"

Telephone: 15191 (8 lines)



# CYSTOPURIN

## The ideal urinary antiseptic for oral administration!

- 1** Produces no gastric irritation or toxic symptoms.
- 2** Is readily absorbed from the gut and excreted in the urine.
- 3** Causes no renal irritation.
- 4** Renders the urine bactericidal in low concentrations.
- 5** Acts from the renal pelvis downwards.
- 6** Is active in either acid or alkaline urine.
- 7** Perfectly safe for use in febrile conditions.
- 8** Acts on all causative organisms of urinary infections.

**Now being extensively advertised  
in the National and Local Press**



PACKED IN THREE SIZES RETAILING **1/-** **3/-** **5/-**

12 tablets 40 tablets 80 tablets

TRADE PRICES ..... **11/3** **27/-** **45/-**

Subject to 7½% or 10% if ordered in £3 or £5 mixed parcels of any Genatosan Products.

Dispensing pack of 80 tablets — 39/- per dozen, subject as above.

Literature and show material from

**GENATOSAN LIMITED,** Loughborough, Leicestershire.

# 2 Necessities for all CHEMISTS

## POISONS REGISTER

This book contains copies of all the ACTS relating to Pharmacy from 1868 up to and including the latest 1935 Statutory Rules and Orders.

IF YOU HAVE ANY QUESTION OR DOUBT about the NEW POISONS LAW you have only to refer to our POISONS REGISTER.

THE BOOK IS WELL PRINTED AND BOUND. CONTAINS ROOM FOR 500 ENTRIES.

POST 5/- FREE  
NET

## SCHEDULE II, 1935 STATUTORY RULES AND ORDERS

Books containing 50 Certificates for the purchase of Poisons, Rule 31. Perforated for tearing out as required. Set out in the prescribed form

9d. each NET  
*post free*

## FORD, SHAPLAND & CO. LTD.

THE LABEL PRINTERS

GREAT TURNSTILE, HIGH HOLBORN, LONDON, W.C.1

# ZEAL

## Clinicals

The Choice  
of Experts

BRITISH  
MADE



NO HIGHER  
IN PRICE THAN  
NONDESCRIPT  
MAKES

Also Household, Bath  
and Works Thermometers,  
the best of their kind

G. H. ZEAL LTD.

MORDEN RD., MERTON,  
LONDON, S.W.19  
Phone: Liberty 2283-4-5



# “SURCO” RELIABLE ELASTIC HOSIERY

SEAMED & SEAMLESS

For special garments to  
measure we maintain a 24  
hour service.

:: BODY BELTS ::  
TRUSSES :: SUNDRIES

*Write for Catalogue.*

SURGICAL HOSIERY CO. LTD.

Russell Street :: NOTTINGHAM

Telephone No. : 75903.

Telegrams: SURGICAL, NOTTM.

HAVE THIS SHOWCARD  
IN YOUR WINDOW



An Evolution! which will increase your sales. Have you tried the entirely New  
**CLINICAL THERMOMETER**  
**DISKA** Bulb (Regd. No. 815689)

That's where it's  
different



**Domed end nestles under tongue without discomfort.**

**It registers the temperature more quickly than any other Bulb.**

**Specially suitable for taking children's temperatures.**

**Keep one always handy.**

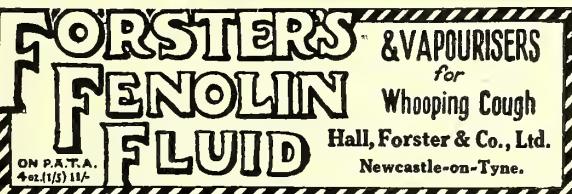
**A necessity for every household.**

SEND A TRIAL ORDER TO YOUR  
WHOLESALE DISTRIBUTOR

ALREADY THERE IS AN AMAZING  
RESPONSE TO SALES

THE TRADE, THE PUBLIC  
THE MEDICAL PROFESSION ACCLAIMS  
THIS AS THE PERFECT THERMOMETER

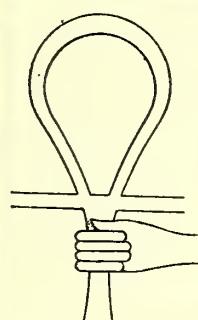
Now Stocked by all leading Wholesale Houses



## Southalls SANTOWELS

The "ORIGINAL" and most popular.  
The "CELTEX" soluble, easily disposed of.  
The "K" made entirely of absorbent  
cotton wool, with very soft cover.  
The "COMPRESSED" for travelling. A  
very popular line.

SOUTHALLS (BIRMINGHAM) LTD.



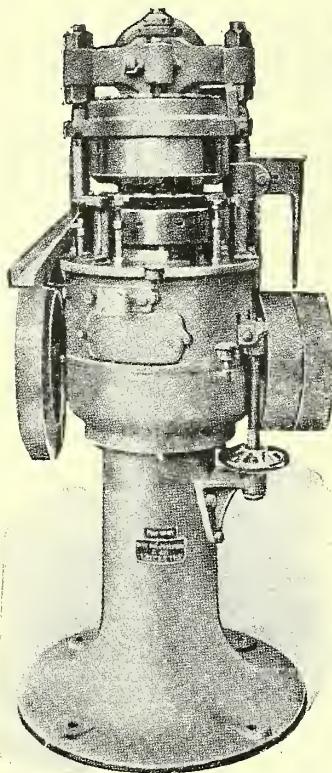
## Wholesale and Export only HYPODERMIC NEEDLES of all descriptions

We shall be glad to have your enquiries for all kinds  
of special needles and needles in special packings

POPULAR  
BRANDS  
S. B.  
CLINIC  
STAR

S. & R. J. EVERETT & CO. LTD.

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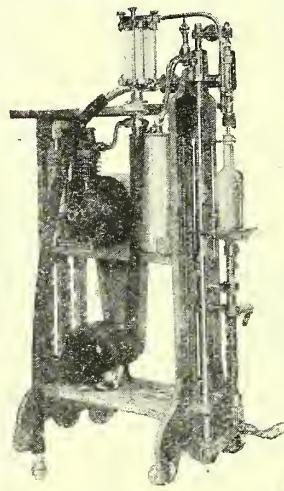
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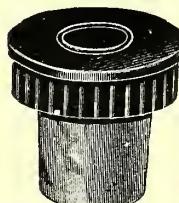
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# The CHEMIST AND DRUGGIST

## SUPPLEMENT

This Supplement is inserted in every copy of  
The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

FEBRUARY 27,  
1937.

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3.—NORTH LONDON (NEW SUBURB).—Middle-class Business taking about £30 per week under management; beautifully-fitted Pharmacy; heavily stocked; excellent modern living accommodation over; although the stock and fixtures cost the Vendor about £1,250, we believe an offer of £1,000 would be accepted.

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5.—MAIDA VALE.—Main-road Middle-class Business situate in corner position; net profit to managing proprietor £500 per annum; chartered accountant's figures available; valuable stock and fixtures; price £1,150 all at, or valuation terms considered.

6.—CROYDON (NEAR).—Good-class Family Retail Business for sale owing to retirement of Vendor; takings for last completed financial year over £2,100; double-fronted shop, beautifully fitted and stocked; living accommodation over in an excellent state of repair; price £1,450 or near offer.

7.—HAMPSHIRE COAST.—Cash Retail Business taking £60 per week under management; valuable stock and fixtures; net profit to owner-proprietor £700—£750 per annum; new lease; minimum price £2,650.

8.—LEYTONSTONE (NEAR).—Middle-class Business; takings approach £1,400 per annum; income tax net profit approximately £350 per annum; very nice living accommodation; valuable stock and fixtures; price £750 all at.

9.—WEST LONDON SUBURB.—Cash Retail Business with extremely good sub-Post Office attached; net profit £400—£500 per annum; purchase price £1,150 inclusive; details to genuine buyers upon application.

10.—SURREY.—Middle and Working-class Business; present takings £18—£20 per week; valuable stock and fixtures; living accommodation if required; very low rental; price for immediate sale £425 all at.

11.—EDGWARE.—General Retail Business occupying good position; takings £40 per week; scope for increase with the addition of extra capital; rent £150 per annum; long lease; price asked £1,000.

12.—SOUTHERN COUNTY.—Country Retail Business (go-ahead town); takings £50 per week, scope for increase; net profit about £600 per annum; comfortable flat over; minimum price £1,750.

13.—DEVONSHIRE.—Three genuine Businesses for sale together or separately; takings approximately £2,000, £1,400 and £1,250 per annum, respectively; low rentals; very reasonable prices; one concern is conducted as a Drug Store; full particulars upon application.

14.—HEREFORDSHIRE.—Country Retail Business; established over 100 years; takings average £1,600—£2,000 per annum; valuable stock and fixtures; business must be sold forthwith and no reasonable offer will be refused; rent only £60 per annum.

15.—MANCHESTER.—Middle-class Business with nice living accommodation over; takings £40 per week plus substantial Panel; valuable stock and fixtures; price asked £1,550; valuation terms or near offer considered.

16.—SOUTH WALES.—Mixed Retail Business with Wines, Spirits, Seeds, etc.; established over 50 years ago; takings average approximately £55 per week; very reasonable rentals; wonderful opportunity for progressive Chemist; price valuation of stock and fixtures only, or alternatively £1,100.

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18.—STOWMARKET.—General Retail Business for immediate disposal; old established; neglected returns, present rate £10 per week; living accommodation over; good, clean, saleable stock; inclusive price £250 all at; worthy of immediate attention.

19.—FINSBURY PARK.—Drug Store for immediate disposal; scope for increase; established 50 years; takings present rate £14—£16 per week; valuable lease; price £300 all at, or valuation terms entertained.

20.—KENSINGTON (NEAR).—Good-class Family Retail Business; takings about £40 per week under management; stock and fixtures worth £700—£750; price all at £1,000 or near offer, or valuation terms entertained.

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LINCOLN.—Drug Store, registered seller poisons; £7-£8 week under inexperienced, unqualified girl; rent, lock-up, 10s. week; main-road position; keen. Qualified could quickly treble, adding N.H.I., etc.; owner too busy in another town to bother; price of stock and fittings only asked for quick sale; a snip for someone. 246/4, Office of this Paper.

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## BUSINESSES WANTED

**R**EQUIRED.—Drug Store; with living accommodation; must show a living or capable of improvement; reasonable price; London or Southern Counties. Shirley, Lowther Road, Embrook, Berks.

## PREMISES TO LET

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**BROADSTONE, DORSET.**—Great opportunity, Chemist required for fast-growing residential area; prominent position, main road; choice of two modern lock-up shops; rent from £52 per annum, exceptionally low rates and no multiple stores here. 4/4, Office of this Paper.

**COLLIERS WOOD.**—Modern Lock-up Shops with good window space and depth; rent £70 p.a.; excellent opening for Chemist and Druggist. Apply Booth and Heath, 10 The Broadway, adj. Colliers Wood Station, S.W.19.

**EALING, SOUTH.**—Main-road modern double-fronted Shop; thickly populated surroundings; vacant early March; present Opticians, previously Chemists; airtight windows and showcase; 5 living rooms, scullery and bathroom, 2 w.c.s; brick outbuilding; conservatory; garden; back entrance; rent £100. Apply Owner, Buckland, 9 Lavington Road, West Ealing. 'Phone: 1059 Ealing.

**HAMPSTEAD, FINCHLEY ROAD, SPLENDID OPPORTUNITY FOR HIGH-CLASS CHEMIST.**—Large Shop and Upper Part of 5 rooms, etc.; fitted with a modern double front; rent only £200 p.a., exclusive, on lease. For full particulars apply Morris Land & Property Co., Ltd., 130 Mount Street, Berkeley Square, W.1. MAYfair 2056.

**SOUTHEND-ON-SEA.**—Chemist required; double-fronted shop; good living accommodation; low rent; all Staybrite steel front. Apply Station Estate Office, opposite Prittlewell Station.

**WESTCLIFF-ON-SEA.**—Opportunity occurs to take over Bold Corner Shop Premises, tenanted for a number of years by Chemists, in established shopping centre; good living accommodation; to Let on Lease. For particulars apply Sidney R. Davis, F.A.I., 33 Hamlet Court Road, Westcliff-on-Sea.

### AN OPPORTUNITY FOR A CHEMIST.

**BELL CORNER PARADE,**  
FOREST ROAD, WALTHAMSTOW.

**AN IMPORTANT PARADE OF HIGH-CLASS SHOPS NOW APPROACHING COMPLETION.**

RENTS from £110 PER ANNUM.

First Year Concessions.

Sole Agents: MELHUISH & HENSON,  
High Road, Whetstone, N.20.  
Telephone: Hillside 3637 (3 lines).

**CHEMIST and Druggist.**—Substantial and immediate Cash trade on opening in splendid block of first-class shops; multiple position; densely populated South London suburb; early application advisable. Apply Morris Land & Property Co., Ltd., 130 Mount Street, Berkeley Square, W.1. Mayfair 2056.

**CHEMIST.**—Splendid opening in block nearing completion, Goodmayes; exclusive position; literally surrounded by houses away from competition; good shop with two-floor flat above; £100 a year to start. Apply to owner, Mr. H. H. Dartnall, High Stone, Leytonstone.

**HIGH-CLASS** Shops to Let in new Parade, in best part of High Road, Streatham, from £140-£500 p.a. Apply Letting Manager, 17 Streatham High Road ('Phone: Streatham 9627), or Bell Investment Trust, Ltd., 115 Park Street, Mayfair, W.1 ('Phone: Mayfair 4201).

**SPLENDID** Opportunity occurs for Chemist starting own business in rapidly increasing neighbourhood; special facilities given; no opposition. Apply Mathews, Cheriton Villa, Hatfield, Herts.

**£100** PER ANNUM.—Modern Shop and Premises; only one left in block of 6; reserved for Chemist; wonderful opening. Powell and Partner, Ltd., Forest Row. Tel.: 204.

## TENDERS

LANCASHIRE COUNTY COUNCIL.

PUBLIC ASSISTANCE COMMITTEE.

SUPPLY OF DRUGS, ETC.

**T**ENDERS are invited for the supply of Drugs, etc., for the period 1st April, 1937, to 31st March, 1938, to the Public Assistance Institutions under the control of the Lancashire County Council.

Full particulars can be obtained on application being made to the County Medical Officer, Public Assistance (Hospital and Medical) Department, County Offices, Preston, Lancashire.

Tenders must be delivered to the undersigned not later than the 10th March, 1937.

County Offices, PRESTON. GEORGE ETHERTON,  
Clerk of the County Council.  
22nd February, 1937.

SEVERALLS MENTAL HOSPITAL, COLCHESTER.

**T**HE COMMITTEE OF VISITORS invite TENDERS for the supply of DRUGS AND DRESSINGS for the SIX MONTHS ending 30th September, 1937.

For form of Tender apply, enclosing stamped addressed envelope, to The Clerk of the Hospital, Severalls, Colchester.

Sealed tenders must be received NOT LATER than 11th MARCH, 1937, addressed to The Chairman, The Committee of Visitors, Severalls Mental Hospital, Colchester, and endorsed "Tender for . . .".

The Committee do not bind themselves to accept the lowest or any tender.

## EDUCATIONAL

**F**OR TUITION in Mathematics, Optics and Sight-testing apply C. V. Bolton, F.S.M.C., F.I.O., 49A Leigh Road, Leigh, Lancs.

**CHIROPODY CAREER.**—Train in the most successful, most expertly staffed and best equipped School in the World; 6 months' intensified course; connected with Foot Hospitals treating thousands of poor gives unexcelled opportunities for practical training; over 200 graduates already placed in good salaried positions. Particulars from The National School of Chiropody (Dept. 90), 133 Upper Street, London, N.1.

## DIRECTORSHIPS

**VACANCY** occurs for Gentleman, with mature Selling or Administrative ability, to join Midland Manufacturers; retiring Directorship offered with capital investment of £5,000; would be an opportunity for father to place an intelligent, experienced youth; every investigation. Apply, in confidence, 296/704, Office of this Paper.

## BUSINESS OPPORTUNITIES

**A**N Important Firm in the Dominions proposes to extend their activities and to equip a modern factory for the Manufacture and Packing of Drugs, Pharmaceutical Tablets, Cosmetics, etc.

They will require modern plant and equipment and invite catalogues, price lists and details from Manufacturers of Chemical Plant and Machinery, including Filling, Labelling, Mixing, Tabletting, Corking and Packing Machinery.

Correspondence is also invited from Bottle and Bottle Closure Manufacturers, Label Printers and Carton Manufacturers.

Correspondence, lists and catalogues should be addressed to 296/708, Office of this Paper.

## APPRENTICES

**O**LD-ESTABLISHED high-class Dispensing business in the West End of London has opening for Apprentice at the beginning of April; small premium required, repayable in wages. 5/1, Office of this Paper.

## SITUATIONS OPEN

### RETAIL (HOME)

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**B**EXHILL-ON-SEA.—Young Unqualified Assistant (male), reliable Dispenser and good Counter experience, for High-class Pharmacy. Apply, with photo, stating age, height and salary, experience and when disengaged, L. J. Collis & Co., Ltd., 34 St. Leonards Road, Bexhill-on-Sea.

**E**AST HAM.—Young Qualified Assistant wanted for old-established Family business; must be pleasant and not afraid of work; splendid opportunity for experience and a good business training; give particulars of experience, age, height and salary; send photo. 4/5, Office of this Paper.

**L**ONDON, S.W.—Qualified Assistant (22-24), male, for high-class business; preferably with London experience. Write, stating age, height, references, salary desired, and when disengaged, 6/33, Office of this Paper.

**L**ONDON, W.C.—Shortly; Young Qualified Assistant; good Window-dresser, conversant with modern methods of Salesmanship; good prospects to suitable man with ability and enterprise. Apply, stating details of experience (no testimonials), age, height, salary required, to Boutalls, Ltd., 150 Southampton Row, W.C.1.

**L**ONDON, W.1.—Qualified Lady Assistant required; must be able to Type or be willing to learn and to do some Office work; personal interview essential; state age, experience and salary required (outdoor). 5/6, Office of this Paper.

**L**ONDON, W.1.—Wanted, Qualified Assistant (male) in Dispensing Business near Harley Street. Please give full particulars, including experience, salary required and when disengaged, 6/43, Office of this Paper.

**S**OUTHEND-ON-SEA.—Experienced Qualified Chemist required; state salary. Apply Williams, 114 East Street, Prittlewell.

**A** QUALIFIED Gentleman required for high-class Dispensing Pharmacy, near West End of London; sleep in (age 28-32 years); applicants to state salary required and when free. 4/7, Office of this Paper.

**A**SSISTANT (between 38 and 50), Unqualified; adaptable; for Surgical and Drug Stores; no Dispensing whatever; state age; wage £2 10s.; married or single; permanency to right man. 4/2, Office of this Paper.

**A**SSISTANT required; qualification not necessary; good experience; quick and reliable Dispenser. Full particulars and salary, please, to Walter Price, Chemist, Comberton Hill, Kidderminster.

**A**SSISTANT, Unqualified, single, male, for High-class Pharmacy; a good Dispenser and Window-dresser. Give full particulars and salary required first letter, Balkwills, Chemist, 106 Old Town Street, Plymouth.

**C**APABLE Young Lady required in Chemists' Business; good knowledge of Toilet Lines and Window-dressing ability essential; permanent to right applicant. Write, giving full particulars, to Box 4869, Frost-Smith Advertising, 64 Finsbury Pavement, E.C.2.

**D.** & P. Assistant wanted immediately; one able to manage the Dark Rooms and turn out really first-class work; permanency to right man; would be employed in Retail Chemistry during winter season. Write, giving full particulars of experience, to 6/50, Office of this Paper.

**D**ISPENSER, Lady Assistant, required for Institution in Edinburgh; experienced, but not necessarily a Qualified Pharmacist. Apply, stating age, qualifications and salary expected, to Box 685, Robertson & Scott, 73 Hanover Street, Edinburgh.

**D**ISPENSER, Unqualified, wanted; reliable and experienced; for the Drug Department of Messrs. John Barker and Co., Kensington, W.8. Apply in first instance to Mr. N. Brown, Chief Pharmacist, giving full particulars re experience and salary expected.

**E**XPERIENCED Chiropodist wanted for Grosvenor Street, W.1, salon, fully Qualified essential, with own clientele; commission basis. Write 3/5, Office of this Paper.

**G**ENTLEMANLY Qualified Manager wanted for late April; Leicestershire; must be also F.S.M.C. or F.B.O.A.; over 30 years old, with some years' managerial experience; permanency; good salary and ample scope for right man; fullest details first letter. 249/36, Office of this Paper.

**J.** WEARING, Pharmacist, Woking, requires Male Junior Assistant for good-class Dispensing Business; state age, experience and salary required, and photograph should be sent if possible.

**K**EEEN young Pharmacist required for branch shop in South Essex; permanency and good prospects for right man. Reply, stating height, experience and salary, to 6/8, Office of this Paper.

**L**ADY Assistant; competent to take charge of Toilet and Ladies' Requisites Counter, also to help in N.H.I. Dispensing; single, and not over 25. Apply, stating salary, references, and with photo, to 295/686, Office of this Paper.

**L**ADY Assistant Junior; experienced in Window-dressing and good knowledge of Toilet Goods. Write, stating full particulars and salary required, to A. J. Wing, Chemist, 69 Powis Street, Woolwich, S.E.18.

**L**ADY Assistant (25-30 approx.), Unqualified, Pharmacy-trained; with good Counter and Toilet experience, pleasing and courteous personality, for good-class Pharmacy, East Sussex seaside resort; state age, salary and experience. 6/16, Office of this Paper.

**L**ADY, Qualified, all-round experience, for West End Pharmacy. Apply, giving full particulars and salary required, to "G.", 296/707, Office of this Paper.

**L**OCUM Dispenser wanted for the period April 26 to May 8, inclusive; minor qualification essential. Apply Staff Supervisor, Welwyn Stores (1929), Ltd., Welwyn Garden City, Herts.

**L**OCUM.—Qualified Assistant for two weeks commencing March 8 or nearest date; Croydon district; probability of future engagements; give details in first letter, age, experience, recent references and salary required. 5/5, Office of this Paper.

**L**OCUM.—Qualified Lady wanted for 12 weeks, July 5-September 25 inclusive. Apply, with references and stating salary required, to Greenwood & Son, Chemists, Lye, nr. Stourbridge, and branches.

**M**ANAGER required for Branch Shop; living accommodation; Medium-class Retail and N.H.I. Dispensing; good Window-dresser essential; must be capable and active; give details in first letter, age, height, experience and salary required, Cartwrights, Chemists, 69 Leytonstone Road, E.15.

**M**ESSRS. BOOTS CHEMISTS are prepared to entertain applications from experienced Unqualified Assistants (25 to 30). Applicants must have good and varied training and should write, giving full particulars, to Retail Staff Department, Station Street, Nottingham.

**P**HARMACIST required as Manager for high-class business in West of England; preference given to man with West End experience. Applicants should send full particulars in writing, stating age, height, when disengaged and salary required, to Managing Director, 5 Nelson Street, Bristol.

**P**HARMACIST wanted before March 22; as Manager of Suburban Family Business; permanent; knowledge of Photography; business ability, personality and courteous manner essential. Full particulars, please, experience, age, height, references, photograph, salary required, Morgan, 220 County Road, Swindon, Wilts.

**Q**UALIFIED Assistant, experienced, required for West London. Apply, giving full particulars of experience, "Z.", 296/703, Office of this Paper.

**Q**UALIFIED Assistant required for busy London Pharmacy; permanency for smart Salesman. Give fullest details, age, experience, salary required, when available, etc., P.C.B. 235/35, Office of this Paper.

**Q**UALIFIED, capable of taking charge, progressive situation, required immediately; please give full particulars in first letter, Stepney district. 6/1, Office of this Paper.

**Q**UALIFIED Chemist required for relief work, 2 evenings a week, S.W. London area; would suit elderly Pharmacist or Student. 4/6, Office of this Paper.

**Q**UALIFIED Man required as Branch Manager; young, keen and conscientious; moderate salary to commence, but good prospects. Write full particulars to Pattisons (Chemists), Ltd., 88-89 St. George's Road, Brighton, 7.

**Q**UALIFIED Man required at once to manage branch, preferably with Optical Qualification; those contented to remain Qualified Assistants please do not apply; vacancy is in the industrial north and carries only small salary, but ample commission to man who will earn it. Apply at once, with usual particulars, to 296/711, Office of this Paper.

**Q**UALIFIED Man, shortly, for single-handed Branch Management; good Counterman and Prescriber, with good recent references; please state full particulars, with photo and salary required. Lester, Chemist, 1 Station Road West, Canterbury.

**Q**UALIFIED Manager for small new business in Richmond district; must be thoroughly reliable. Write, stating age, experience and salary (moderate), to 6/41, Office of this Paper.

**Q**UALIFIED Manager, young, keen Salesman and good Window-dresser, required immediately for light Retail; no Sunday or Thursday evening duty. Mitchell, 6 Lewisham Road, Lewisham.

**Q**UALIFIED Manager (25-30), married, to live over premises, for a branch in popular seaside, Kent, resort; permanency; light Retail and Photographic Business; must be good Window-dresser, keen Salesman and reliable worker. Apply, stating experience, references, salary required, Box 6/7, Office of this Paper.

**R**ELIABLE and thoroughly experienced Lady Assistant required for South Coast town; Qualified or Unqualified, if competent. Apply, with copies of recent references, to 8/1, Office of this Paper.

**S**MART Young Qualified Manager required shortly for progressive berth in branch shop. Please state age, experience and salary required, when free, and give copies of references, which must bear the strictest investigation, 6/4, Office of this Paper.

**U**NQUALIFIED Assistant (not under 25) required; permanency; must be neat, accurate Dispenser, used to good-class Pharmacy; send usual particulars, with photo if possible, stating salary required and when available, or 'phone Palmer's Green 0234, Barton, Chemist, Alderman's Hill, Palmer's Green, N.13.

**V**ACANCY occurs for a Qualified Branch Manager for May 30 to October 2; possibility of permanency should a vacancy occur before October; state age, experience, etc., with salary required. E. Moss, Ltd., Fern Grove, Feltham, Middlesex.

**W**ANTED Now.—Man for small Toilet, Drug and Photo Store; no Dispensing; able to take charge; Retail Photo knowledge essential; references required; wages 45s., with arrangement for commission. Apply R. G. Simmons, c/o General Post Office, Friar Street, Reading.

**W**ANTED, now or Easter, young Gentleman as Junior Season Assistant; state age, height, experience, salary required, when disengaged; photograph if possible. Frank Purcell, Chemist, Strand Street, Douglas, Isle of Man.

**Y**OUNG Lady Assistant required for good Medium-class Pharmacy near London; must have a pleasing manner; capable of Dispensing and Counter experience essential. 6/36, Office of this Paper.

**Y**OUNG Lady required for Chemists' Business in Chelsea; able to Dispense, and with good-class Counter experience. Write Box 4870, Frost-Smith Advertising, 64 Finsbury Pavement, E.C.2.

**Y**OUNG Unqualified Assistant required for middle-class suburban business. Apply by letter, stating experience, age and salary required, to Peters, Chemist, 186 Lavender Hill, Clapham Junction, S.W.11.

## WHOLESALE

**E**XPORT Clerk (18-20) (male) required; must have Export Invoicing experience and knowledge of Drug Trade; state experience and salary required. 296/710, Office of this Paper.

**M**EDICAL Representative, already carrying other lines to Doctors in London, required to introduce two Scientific Preparations (for arteriosclerosis and biliary affections). State age, remuneration required and other relevant particulars in confidence, to 7/2, Office of this Paper.

**N**ATIONALLY known Proprietary Company require First-class Man as Representative on commission basis in Devon, Cornwall and Somerset; must have excellent connexion Chemists and Hairdressers; great scope for right man. Write Box 978, Dorland, 14 Regent Street, S.W.1.

**P**ART-TIME Representatives required to introduce to good-class Chemists Novel Showcard Series just introduced and already accepted by several important local Chemists' associations; good commission paid. Regent Publicity Services, 25 Stamford Brook Road, London, W.6.

**R**EPRESENTATIVE required by important Perfumery House for North and East London and Northern Home Counties; must have live and established connexion amongst Chemists, Stores and Hairdressers. Apply, giving fullest possible details, to 296/712, Office of this Paper.

**R**EPRESENTATIVES wanted for London to sell various Rubber Goods to Chemists and Druggists; salary and commission. Write, P.C.B. 235/33, Office of this Paper.

**T**EMPORARY Stocktaking Assistants required for March; North and South Areas; must have knowledge of Drug Trade. Please write in first instance to 296/709, Office of this Paper.

## PHOTOGRAPHS, TESTIMONIALS, &c.

When replying to advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. Many of these announcements produce an exceptionally large response and, as can be readily understood, the task of returning photographs, testimonials, &c., is one of some difficulty.

**T**RAVELLER (between 25 and 32), of good appearance and address, required by Fancy Toilet Goods house for London and Home Counties; one with connexion amongst Perfumery Departments in Stores, etc., preferred. Write full particulars to 6/23, Office of this Paper.

**W**ANTED.—Representative to introduce speciality to Dentists. 296/706, Office of this Paper.

### COLONIAL, INDIAN AND FOREIGN

**P**HARMACEUTICAL Chemist wanted for South Africa by a firm of British Manufacturing Chemists; progressive position; works experience a recommendation; must be of unimpeachable character and steady habits. Full particulars, giving qualifications, age, married or single, experience, etc., to 296/705, Office of this Paper.

### SITUATIONS WANTED

#### RETAIL (HOME)

**2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)**

**A.A.A.** —ASSISTANT Unqualified (39), married; experienced Dispensing Counter, hard worker, seeks permanency Birmingham or district; excellent references. Apply 6/17, Office of this Paper.

**A.A.A.** —ASSISTANT (24), Unqualified, seeks position in City or West End; 6 years' excellent experience (2 years West End); capable Dispenser, efficient Salesman; trustworthy; excellent references. 6/53, Office of this Paper.

**A.A.** —(28) Qualified; 5 years manager West End, provinces; educated, personality; tactful Salesman; business builder; free; London. 6/27, Office of this Paper.

**A** SMART Qualified Manager (25) desires position; first-class Salesman, quick and accurate Dispenser, Window-dresser; West End preferred, but not essential; irreproachable references. Reply P.C.B. 235/27, Office of this Paper.

**A**DVERTISER, M.P.S., F.B.O.A. (Hons.) (59); keen; modern ideas; good Refractionist; all-round experience; moderate salary. "Lux," 29 Ipswich Street, Stowmarket.

**A**S Locum or permanency; Qualified; West-End and country experience; used to control. "Chemist," 14 Gilbert Street, W.C.1.

**A**SISTANT, Unqualified; competent, keen, used to control and hard work; good Sales Record; tall, active; used to good-class trade; 15 years' reference. "Advertiser," 6 Haldon Road, Exeter.

**A**SISTANT (27), Unqualified, single, 9 years' experience, seeks change, anywhere. Rowe, 19 Broad Street, Bath.

**A**SISTANT (27), Unqualified; 9 years West End; experienced Dispensing, Counter; City, West End; good address; tall. "R. E.," 68 Lefevre Road, Bow, E.3.

**BIRMINGHAM DISTRICT.**—Part or whole time; temporary or permanent; exceptional experience; disengaged 27th; interview. "Cascara," 41 Grantham Road, Sparkbrook, Birmingham.

**C**ANADIAN Qualified Chemist, at present employed, seeks position in Great Britain; good appearance, manners and references; highly experienced in Dispensing, Store Management, Modern Merchandising, Window Display, Advertising and Business Creation generally. Write "Pharmacist," c/o 301 Power Building, Winnipeg, Canada.

**C**HEMIST, experienced, excellent Prescriber, disengaged, desires management; locum; London or Provinces; reasonable salary. "Chemist," 40 Buckley Road, Brondesbury, N.W.6.

**C**HEMIST (60) wishes appointment where experience, qualification, etc., can be of service; alert, energetic and reliable; now relinquishing own better-class business after over 30 years; moderate salary for suitable appointment; banker's reference. Write 1/11, Office of this Paper.

**C**HEMIST-OPTICIAN, young, desires situation; coastal or market town or colonies (first-class health); 8½ years' all-round experience heavy N.H.I. and good-class Private Dispensing, Galenicals and Proprietaries, Display and Managing. 3 Brierley Avenue, Burnage Levenshulme, Manchester.

**E**XPERIENCED Manager in first-class Modern West-End Pharmacies desires change shortly; original; energetic. "M.P.S.," 152 Sutherland Avenue, W.9.

**L.P.S.I.** —LADY, very experienced, thorough knowledge of Pharmacy, desires position as Assistant; London or suburbs; excellent testimonials. 7/3, Office of this Paper.

**L**ADY Dispenser (33), Hall certificate, St. John's Ambulance and Nursing certificates, desires post in Hospital or Surgery; experienced Dispensing and Book-keeping; 9½ years last post; good testimonials. 6/15, Office of this Paper.

**L**ADY (27), Qualified, seeks post as Manager; 4 years' experience; knowledge of high-class trade, Dispensing and Toilets. 6/42, Office of this Paper.

**L**ADY, 17 years' experience Dispensing, Counter, desires post, Doctor, Chemist; Midlands. Short, 41 Cliveden Avenue, Perry Barr, Birmingham.

**M.P.S.** (Lady) desires post, South-East, hours 9 to 7, no Sunday duty; free one month from date of appointment; interview essential. Apply 6/32, Office of this Paper.

**P**ART TIME.—Dispenser; evenings and all day Saturday; North London. Wray, 3 Windmill Hill, Enfield. Phone: Enfield 0516.

**P**HARMACIST offers services as Manager; thoroughly experienced Counter, Dispensing, Photos, Toilets, etc. "Pharmacist," 23 Old Manor Drive, Isleworth, Middlesex.

**Q**UALIFIED, capable, all-round Gentleman (30), seeks Managership, or as Assistant; pleasant personality; educated; well recommended; business builder; good appearance; London only. "Pharmacist," 56 West Cromwell Road, London, S.W.5.

**Q**UALIFIED Chemist available for services on Thursday and Sunday evenings; West End only. P.C.B. 235/15, Office of this Paper.

**Q**UALIFIED, desires change as Manager; single (34); good all-round experience, 7 years managing; excellent references; London area. 6/13, Office of this Paper.

**Q**UALIFIED, M.P.S., M.I.C.O. (27), desires Managership modern Pharmacy; 4 years' managerial experience; Bristol or West of England preferred. 5/17, Office of this Paper.

**Q**UALIFIED woman with two children to support requires work at once; permanency. Full particulars, 5/4, Office of this Paper.

**Q**UALIFIED (32), married, disposed own business, seeks permanency, Manager or Senior; London or suburbs; good all-round Photographic, Dispensing and Counter experience. Riley, 13 Lincoln Avenue, Romford, Essex.

**U**NQUALIFIED Assistant, lady, trained, wishes further experience; adaptable; Medical and other references; preferably Bournemouth district. 6/49, Office of this Paper.

### NAMES AND ADDRESSES

When sending advertisements for any of the columns of this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not adhered to and delay and disappointment ensue. Strict attention to this detail will be appreciated.

**UNQUALIFIED** Assistant, with Chiropody qualification (24); smart; used to good trade; in or near London. Cave, c/o Freeman, Chemist, St. Albans.

**UNQUALIFIED** Assistant (28), gentleman; good-class Dispensing, Counter experience; excellent testimonials. "Assistant," 44 Meads Lane, Seven Kings, Ilford, Essex.

**UNQUALIFIED**, requires situation, West End; Continental experience; perfect French. A., 25 Leamington Road Villas, Baywater, W.11.

**UNQUALIFIED** Senior requires change; permanent situation required; wide experience and able to control staff. Full particulars P.C.B. 235/29, Office of this Paper.

### WHOLESALE

**A**REA, West Midlands, South-West, South Wales.—Opportunity will occur shortly for Pharmaceutical firm, "C.F." preferred, to secure efficient Representation, by Pharmacist with 19 years' inside experience in wide range of Retailing conditions on this ground; effective personality; 100 per cent. service for appropriate return; "commission only" offers not entertained. 6/47, Office of this Paper.

**A**T Present Manager.—An energetic young Pharmacist requires a post in Manufacturing House, South-West England or South Midlands. 242/40, Office of this Paper.

**CHEMIST** (28), late Manager, West End, first-class experience, references, smart appearance, address, desires position as Representative with reputable firm; own car. "Chemist," 67 Guilford Street, W.C.1.

**CHEMIST** (24), new syllabus qualification, very interested in Manufacturing and Analytical Works, seeks opening to gain experience; references and fullest details on application. "Pharmacist," 49 Gurney Road, Shirley, Southampton.

**F**OREWOMAN seeks position in Factory; used to controlling large staff of female labour; experienced labelling and wrapping. 6/21, Office of this Paper.

**M**EDICAL Representative, Sales or Propaganda, seeks appointment; salary, expenses; own motor-car; first-class experience London, provinces; highest references. P.C.B. 235/20, Office of this Paper.

**M**IDLANDS.—Traveller, with connexion, desires Representation or Agency with well-established house; Medical, Pharmaceutical. 5/14, Office of this Paper.

**N**ORTHERN IRELAND.—Traveller, with 15 years' experience and sound connexion amongst Chemists, open for engagement March 1. 3/4, Office of this Paper.

**P**HARMACIST offers services as Representative or Medical Propagandist; thoroughly experienced as Retail and Hospital Pharmacist; car available. "Pharmacist," 23 Old Manor Drive, Islsworth. POPesgrove 4281.

**P**HARMACIST (28), tall, 12 years' experience in Retail Pharmacy, seeks position, outside Retail work, with scope for exercise of ability and initiative; any capacity, administrative or representative, considered; some knowledge French and German; excellent references; car owner. P.C.B. 235/26, Office of this Paper.

**Q**UALIFIED (27), offers services as Representative; Retail and Hospital experience; good knowledge of Therapeutics, etc.; ambitious and prepared to work for expenses to establish; own car; Lancs preferred. 6/12, Office of this Paper.

### PRICE LISTS, TRADE CIRCULARS, SAMPLES, AND PRINTED MATTER

can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

**T**ABLET and Pill Maker (age 26) desires situation in or near London; thoroughly experienced, competent both capacities; knowledge of Coating; 11 years present employment. 5/16, Office of this Paper.

**Y**OUNG Man seeks permanent situation; 4 years' experience in Manufacturing High-grade Cosmetics, Hair Lotions, etc. 6/5, Office of this Paper.

**Y**OUNG Man (22), used to Laboratory, Manufacture of Tablets, Mixtures, Ointments, etc., Wet and Dry Counter work; 6 years' experience; keen and ambitious; excellent references. 5/2, Office of this Paper.

**Y**OUNG Unqualified Salesman, 11 years' excellent and varied experience, adaptable, progressive and with personality, requires representative position of trust, preferably London, South-East England, South Wales; car driver. 6/54, Office of this Paper.

**10** YEARS' experience, London and North, Pill and Tablet Maker, able to take charge, desires change of position. 6/22, Office of this Paper.

### FOR SALE

(Articles to the value of £5-£50.)

**C**OMPLETE Sight-Testing Equipment and Optical Stock for Sale; £50, or would accept Assorted Proprietaries to value. Phone: SHE 3759. Lutz, 28 Western Avenue, W.3.

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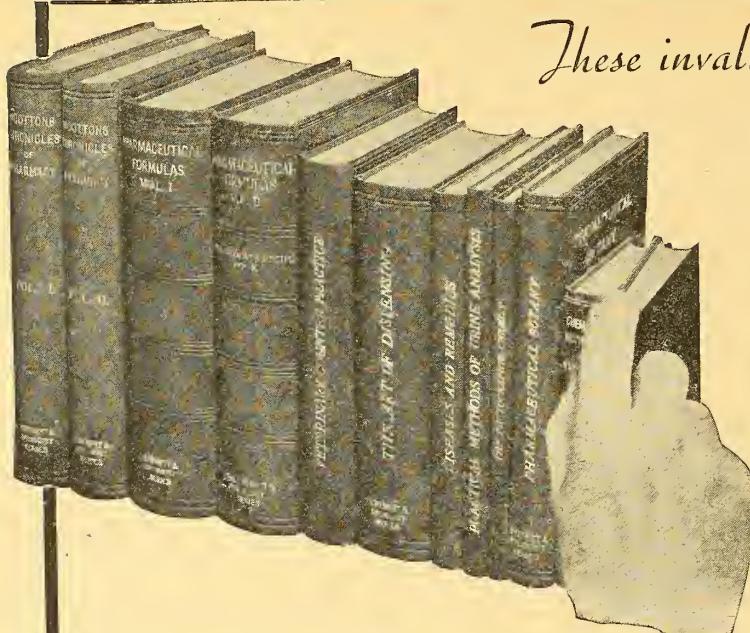
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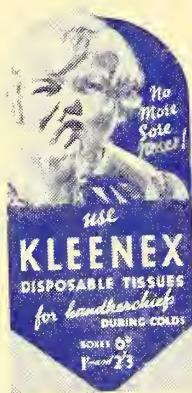
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